



Site Characterization Report

Location:

Sunshine Cleaners
Newton Plaza
592 New Loudon Road
NYSDEC P-Site No. 401085
Latham, New York 12110

Prepared for:

Newton Plaza Associates, LLC
596 New Loudon Road, #14
Latham, New York 12110

LaBella Project No. 2243806

Revised November 19, 2025

CERTIFICATIONS

"I, Michael B. Carr, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Site Characterization Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10)."

000441
NYS Professional Geologist #

November 19, 2025
Date

A handwritten signature in black ink, appearing to read "Michael B. Carr", with a stylized flourish at the end.

Signature

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COMMON ACRONYMS / ABBREVIATIONS

AMSL – Above Mean Sea Level

ASTM – American Society for Testing and Materials

AWQSGV – Ambient Water Quality Standards and Guidance Values

bgs – below ground surface

CAMP – Community Air Monitoring Plan

CAS – Chemical Abstracts Service

COCs – Compounds of Concern

CVOCs – Chlorinated Volatile Organic Compounds

DER – Division of Environmental Remediation

ELAP – Environmental Laboratory Approval Program

HASP – Health and Safety Plan

IDW – Investigation Derived Waste

MS/MSD – Matrix Spike / Matrix Spike Duplicate

ND – non-detect

ng/L – nanograms per liter (equal to parts per trillion – ppt)

NYCRR – New York Code of Rules and Regulations

NYSDEC – New York State Department of Environmental Conservation

NYSDOH – New York State Department of Health

PCBs – Polychlorinated Biphenyls

PFAS - Per- and Polyfluoroalkyl Substances

PFOA – Perfluorooctanoic Acid

ppt – parts per trillion (equal to nanograms per liter - ng/L)

QCP – Quality Control Plan

RL – Reporting Limit

SC – Site Characterization

SCGs – Standards, Criteria, and Guidelines

SCWP – Site Characterization Work Plan

SVOC – Semi-volatile Organic Compound

USEPA – United States Environmental Protection Agency

VOC – Volatile Organic Compound

1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) is pleased to submit this Site Characterization Report (SCR) summarizing the investigation conducted at the Newton Plaza Site, a commercial plaza, in a commercial zone located on New Loudon Road in the hamlet of Latham, Town of Colonie, Albany County, New York, hereinafter referred to as the “Site.” The Site is listed as New York State Department of Environmental Conservation (NYSDEC) P-Site No. 401085. A Site Location Map is included as **Figure 1**.

LaBella previously completed a Phase I Environmental Site Assessment (ESA) in compliance with the scope and limitations of ASTM Standard Practice E1527-13/21 and also a Limited Phase II ESA. Spill number 22-09261 was reported by LaBella to the NYSDEC as part of the Limited Phase II ESA. The Limited Phase II ESA is located in **Appendix A**. An Order on Consent was executed by the NYSDEC and Newton Plaza Associates as of August 29, 2023.

Information in the Phase I ESA and Limited Phase II ESA materials was used in support of the preparation of the Site Characterization Work Plan (SCWP), which was submitted and approved by NYSDEC on June 24, 2024. This report summarizes the Site Characterization work performed, analytical sampling results, observed groundwater contour, and any deviations from the original SCWP.

1.1 Purpose and Objectives

The goals of the Site Characterization (SC), as defined in the SCWP, were as follows:

- To evaluate the areal and vertical distribution of environmental contamination in soil, soil vapor, and groundwater at targeted locations and peripheral locations on the property.

This SCR details the investigative activities that were performed to meet the goals of the project in accordance with NYSDEC regulations and program policy. The Site Characterization activities were carried out in accordance with the NYSDEC’s Division of Environmental Remediation (DER)-10 (*Technical Guidance for Site Investigation and Remediation*) issued May 3, 2010. A detailed discussion of the objectives and rationale behind this SC is presented below in Section 3.0.

1.2 Site Location / Description

The commercial property is located on the Town of Colonie tax parcel No. 31.3-4-72.21-1. This is a 10.77-acre property located on the western side of New Loudon Road (U.S. Route 9). The property is in an urban/suburban setting in an area with nearby properties developed for residential and commercial uses. Adjacent properties include residential properties to the south, commercial and limited residential properties to the east, commercial properties, including a restaurant to the north, and a wooded area to the west.

Improvements on the property include four (4) commercial buildings of wood frame and concrete block construction. These include standalone buildings and commercial “strip mall” buildings containing leaseholds of various businesses including drycleaning, retail, and restaurants. The property is accessible via asphalt driveways and parking areas that have two (2) entrances on New Loudon Road. The remainder of the property consists of sidewalks, maintained grass/landscaped areas and a wooded area along the western portion of the property. Two (2) storm water retention ponds are located west of the main strip mall buildings, prior to the wooded area. A property map is provided in **Figure 2**. The property is serviced via municipal water and sewer and is currently a vibrant and busy commercial property.



2.0 PROJECT BACKGROUND

2.1 Site History

The property is currently owned by Newton Plaza Associates, LLC of Latham, New York. Newton Plaza Associates constructed the retail shopping facility in 1984. Various businesses have been operating on the property and Sunshine Cleaners, the drycleaning tenant, was noted as a recognized environmental concern (REC) in LaBella's previously completed Phase I ESA. Sunshine Cleaners does not currently use PCE as a drycleaning compound. A single 12-ounce bottle of PICRIN Stain Remover was identified onsite during chemical inventory which contains Trichloroethylene according to the Safety Data Sheet (SDS). The current fluid in use is an ExxonMobil Chemical Company product "DF-2000 Fluid" additionally identified as "Aliphatic Hydrocarbon" with a CAS NO. 64742-48-9.

Based on LaBella's review of historical sources during the ESA, the Site was developed in or before 1952 as an agricultural property and several structures were previously on the property. Circa 1965, redevelopment of the Site for retail use began. LaBella performed a limited Phase II ESA in January 2023 with the installation of three (3) soil borings and conversion to temporary groundwater monitoring wells which documented the detection of low-level concentrations of VOCs in soil and groundwater in samples submitted for laboratory analysis. A subsequent soil vapor intrusion (SVI) investigation was performed in February 2023 which recorded concentrations for sub-slab samples above mitigation action levels at the Sunshine Cleaners leasehold as per the *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, May 2017*.

2.2 Physical Conditions

2.2.1 Soil

Soil encountered during sampler advancement was primarily coarse to fine sand to approximately 18 fbg. A transition to fine sand, silt, and some clay was recorded at approximately 18 fbg.

2.2.2 Topography

The topographic relief in proximity to the Site is generally level, with an overall gentle slope to the west. West of the Site is vegetated with developing forest and brush. Wetlands exist further west as part of the wooded area and beyond. North of the Site is mostly unvegetated in the area of a former amusement park. East (across Rt 9) is another shopping plaza with typical landscaping of mowed grass and green spaces consisting of ornamental plantings. South of the Site there are residential homes.

2.2.3 Surface Water

There are no apparent natural surface water features on the Site. Surface water from storm events is shed from the asphalt parking lot via storm drop inlets and is collected in retention ponds along the western edge of the property.

2.2.4 Geology and Hydrogeology

According to the Surficial Geologic Map of New York, Lower Hudson Sheet (1989) there are various glacial deposits in the vicinity of the Site including glacial till, lacustrine (glacial lake) sand, and kame deposits. These unconsolidated deposits overlie shales and graywackes (a lithified mixture of sand-sized particles in a fine-grained matrix) of the Austin Glen Formation. The Austin Glen Formation is an upper Middle Ordovician unit of interbedded greywackes and shales that were deposited in a deep marine environment and later became an allochthon associated with the Taconic Orogeny. Bedrock was not encountered during this investigation. Soils encountered include primarily well-sorted, medium to fine sand with trace amounts of silt throughout the site. The depth to water ranges from 4.88 to 8.02 feet below ground surface and generally flows in a southwesterly direction at an approximate gradient of 0.004 ft/ft.



3.0 OBJECTIVES AND RATIONALE

The objective of this SC is to further evaluate the presence/location of impacts above Standards, Criteria, and Guidelines (“SCGs”), and to determine the depth and direction of groundwater flow across the Site in order to determine the need, if any for additional investigation and/or cleanup efforts required to protect public health and the environment.

3.1 Preliminary Contaminants

Based on laboratory analytical results of LaBella’s previous Phase I and Phase II ESAs and SVI investigation, chlorinated solvents, including PCE, TCE and related degradation by-products were detected in soil, groundwater, and indoor air. PCE and TCE are historically common degreasers that have been associated with dry cleaning, wood processing and metal fabrication. They can also be components of paint, paint remover, spot removers, adhesives, water repellents and wood cleaners.

Analytical results for this project are compared with applicable SCGs for the Commercial Use of the Site. The SCGs for this Site are presented below in Section 4.1, “Standards, Criteria, and Guidelines.”

4.0 SITE CHARACTERIZATION METHODS

4.1 Standards, Criteria, and Guidance

The SCGs utilized as part of the implementation of the SCWP are identified below.

Soil SCGs: The following SCGs for soil were used in developing this report:

- NYCRR Subpart 375-6(b): Restricted Use Soil Cleanup Objectives (Commercial), and
- NYSDEC’s “Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)”, November 2022

Groundwater SCGs: The following SCGs for groundwater were used in developing this report:

- Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (AWQSGVs); and
- NYSDEC’s “2023 Addendum to June 1998 Division of Water TOGS 1.1.1”, February 2023. This includes:
 - A standard of 6.7 ng/L for PFOA; and
 - A screening level of 2.7 ng/L for PFOS.

Soil Vapor SCG: The following SCG for soil vapor was used in developing this report:

- NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, May 2017 and as updated February 2024.

4.2 Sample Analysis

Based on LaBella’s Site Characterization Workplan submitted to NYSDEC and NYSDOH and approved June 2024, three (3) media were sampled. These include soil, groundwater, and soil vapor. The analytical methods for samples are defined below.



Soil Sample Parameters:

- USEPA Target Compound List (TCL) list volatile organic compounds (VOCs) including tentatively identified compounds (TICs) using USEPA Method 8260;
- USEPA TCL list semi-volatile organic compounds (SVOCs) using USEPA Method 8270;
- RCRA metals by USEPA Method 6010, mercury by Method 7471;
- Pesticides using USEPA Method 8081;
- Total polychlorinated biphenyls (PCBs) using USEPA Method 8082;
- 1,4-dioxane using USEPA Method 8270 and,
- PFAS using USEPA Method 1633.

Analysis for soil was performed on up to three (3) intervals within each borehole. PFAS and 1,4-dioxane analyses were performed on two (2) soil samples from boring locations which were mutually agreed upon by LaBella and NYSDEC in the field.

Groundwater Sample Parameters:

- USEPA Target Compound List (TCL) list volatile organic compounds (VOCs) including tentatively identified compounds (TICs) using USEPA Method 8260;
- USEPA TCL list semi-volatile organic compounds (SVOCs) using USEPA Method 8270;
- RCRA metals by USEPA Method 6010, mercury by Method 7471;
- Pesticides using USEPA Method 8081;
- Total polychlorinated biphenyls (PCBs) using USEPA Method 8082;
- 1,4-dioxane using USEPA Method 8270 SIM (for aqueous samples);
- PFAS using USEPA Method 1633.

One (1) groundwater sample was obtained from each monitoring well. Analysis for PFAS and 1,4-dioxane samples was performed on two (2) samples obtained from groundwater monitoring well locations mutually agreed upon in the field by LaBella and NYSDEC.

Soil Vapor Sample Parameters:

- Sub-slab soil vapor, indoor air, outdoor air, and outdoor soil vapor samples were analyzed by USEPA Method TO-15

Quality assurance/quality control (QA/QC) samples (i.e. field duplicates and matrix spike/matrix spike duplicates [MS/MSD]) were collected at a rate of one (1) per every twenty (20) samples. Field duplicates and MS/MSD samples were analyzed for VOCs (via analytical Method SW-846-8260) only.

Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut (Phoenix) is the analytical laboratory for the sample analysis described herein. Phoenix is certified in New York by both the National Environmental Laboratory Accreditation Conference (NELAC) and a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory. Analysis of PFAS was subcontracted by Phoenix to York Analytical Laboratories, which holds a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certification.

4.3 Utility Identification and Clearance

Prior to commencing with any intrusive investigation related activities, a Dig Safely New York (UDig NY) notification was executed. To locate private utilities within the Site and identify potential migration pathways, LaBella contracted Clean Globe Environmental, LLC of New City, New York to perform a private utility mark out by ground penetrating radar (GPR) and electromagnetic location (EM) methods. The results of the which were used in part to assist in the anticipated placement of soil borings and outside soil vapor points. A copy of the GPR/EM Investigation map is attached as **Figure 3**. The locations of sanitary lines located immediately adjacent to the building(s) were identified by the property owner's representative due to due to unavailability of "as-built" drawings. Each proposed drill location was hand-



excavated to a depth of approximately 4.0 feet below grade to ensure that underground utilities associated with the property were not encountered.

4.4 Soil Boring and Sampling

Soil borings were advanced at the Site from August 20th through 26th, 2024. Soil boring locations are shown on **Figure 4**. A total of fourteen (14) soil borings were advanced at the Site using direct push macro-core tooling lined with disposable acetate sleeves. Terminal depths obtained during boring activities ranged from 15 fbg to 20 fbg. Individual boring logs are attached as **Attachment 1**. During soil boring advancement, the soil was continuously assessed for visible and olfactory indications of impairment, and/or indication of detectable VOCs with a PID. Presented below is a summary table of PID readings recorded for all 14 soil boring locations and depths.

Table A 1– Soil PID Readings

Soil Boring/Well ID	Sample Interval (ft bgs)			
	0-5	5-10	10-15	15-20
SB-1	<1.0	<1.0	<1.0	-
SB-2	<1.0	<1.0	<1.0	-
SB-3	<1.0	<1.0	<1.0	<1.0
SB-4	<1.0	<1.0	<1.0	-
SB-5	<1.0	<1.0	<1.0	-
SB-6	<1.0	<1.0	<1.0	-
SB-7	<1.0	<1.0	<1.0	-
SB-8	<1.0	<1.0	<1.0	-
SB-9	<1.0	<1.0	<1.0	-
SB-10	<1.0	<1.0	<1.0	<1.0
SB-11	<1.0	79.5	<1.0	-
SB-12	<1.0	<1.0	<1.0	-
SB-13	<1.0	<1.0	<1.0	-
SB-14	<1.0	<1.0	<1.0	-

A maximum of three (3) soil samples was anticipated from each borehole. Soil samples were collected from within the vadose zone (i.e., soil above the water table as observed during borehole advancement); one (1) sample from below the water table, and one (1) sample from the bottom of the borehole.

The sample aliquot was transferred to the appropriate laboratory-supplied sample glassware using a stainless-steel sampling trowel washed via a non-phosphate soap and potable water solution and triple-rinsed with potable water at the start of sampling activities and between sample locations. All samples were placed on ice after collection and transferred to the laboratory/courier following chain of custody protocols.

Soil cuttings were containerized as Investigative Derived Waste (IDW) and as such, were placed into properly labeled steel, 55-gallon drums and stored on the property prior to disposal.

Table A.2 indicates sample location, sample depth, and analytical parameters for soil borings.



Table A.2 – Soil Boring Samples

Location	Sample Depth (fbg)	Analytical Parameters	Location	Sample Depth (fbg)	Analytical Parameters
SB-1/MW-1	6 - 7	VOCs, SVOCs, PCBs, Pests, 1,4-Diox., Metals, PFAS	*SB-9/MW-9	8 - 9	VOCs, SVOCs, PCBs, Pests, Metals
*SB-2/MW-2	6.5 - 8	VOCs, SVOCs, PCBs, Pests, Metals		12 - 13	VOCs, SVOCs, PCBs, Pests, Metals
SB-3/MW-3	9.5 - 11	VOCs, SVOCs, PCBs, Pests		13.5 - 15	VOCs, SVOCs, PCBs, Pests, Metals
	18 - 20	VOCs, SVOCs, PCBs, Pests	*SB-10/MW-10	7 - 8	VOCs, SVOCs, PCBs, Pests, Metals
SB-4/MW-4	7 - 8	VOCs, SVOCs, PCBs, Pests		15 - 16.5	VOCs, SVOCs, PCBs, Pests, Metals
	10 - 11.5	VOCs, SVOCs, PCBs, Pests		19 - 20	VOCs, SVOCs, PCBs, Pests, Metals
	14 - 15	VOCs, SVOCs, PCBs, Pests	SB-11/MW-11	8 - 9	VOCs, SVOCs, PCBs, Pests, Metals
SB-5/MW-5	6.5 - 8	VOCs, SVOCs, PCBs, Pests		11 - 12	VOCs, SVOCs, PCBs, Pests, Metals
	9 - 10	VOCs, SVOCs, PCBs, Pests		14 - 15	VOCs, SVOCs, PCBs, Pests, Metals
	14 - 15	VOCs, SVOCs, PCBs, Pests	*SB-12/MW-12	6 - 7	VOCs, SVOCs, PCBs, Pests, Metals
SB-6/MW-6	6 - 7.5	VOCs, SVOCs, PCBs, Pests, Metals		9 - 10	VOCs, SVOCs, PCBs, Pests, Metals
	10 - 11	VOCs, SVOCs, PCBs, Pests, Metals		13.5 - 15	VOCs, SVOCs, PCBs, Pests, Metals
	14.5 - 15	VOCs, SVOCs, PCBs, Pests, Metals	*SB-13/MW-13	8 - 9	VOCs, SVOCs, PCBs, Pests, Metals
SB-7/MW-7	7 - 8	VOCs, SVOCs, PCBs, Pests, Metals		11 - 12	VOCs, SVOCs, PCBs, Pests, Metals
	11 - 12	VOCs, SVOCs, PCBs, Pests, Metals		14 - 15	VOCs, SVOCs, PCBs, Pests, Metals
	14.5 - 15	VOCs, SVOCs, PCBs, Pests, Metals	SB-14/MW-14	7 - 8	VOCs, SVOCs, PCBs, Pests, 1,4-Diox., Metals, PFAS
*SB-8/MW-8	8 - 9	VOCs, SVOCs, PCBs, Pests, Metals		9 - 10	VOCs, SVOCs, PCBs, Pests, Metals
	10 - 11	VOCs, SVOCs, PCBs, Pests, Metals		14 - 15	VOCs, SVOCs, PCBs, Pests, Metals
	14 - 15	VOCs, SVOCs, PCBs, Pests, Metals			

*Indicates a QA/QC (duplicate -or- MS/MSD) sample was collected at this location.
Pests = Pesticides

4.5 Monitoring Well Installation, Groundwater Sampling, and Contour

Well Installation

To assess potential impacts to groundwater at the Site, groundwater monitoring well installation and sampling was conducted as part of this Site Characterization.

Soil boring locations were converted to 2-inch groundwater monitoring wells during the boring activities from August 22nd through 26th 2024. The monitoring wells were installed by advancing 4.25-inch hollow stem augers to the terminal depth of the macro-core tooling during soil probe activities. The annular space between the well screen and borehole wall was backfilled with graded well sand as the augers were incrementally withdrawn. Well sand was installed to extend approximately 2.0 feet above the top of the screen and then sealed with approximately 2.0 feet of bentonite. The remaining space was backfilled with clean soil cuttings and finished in a steel bolt-down road box. Table A3 provides a summary of Groundwater Monitoring Well Completion Specifications.

Table A3 – Monitoring Well Completion Specifications

Well ID	Depth to Water	TOC Elevation	Total Depth	Screen Interval	Sand Pack Interval	Bentonite Seal
SB-1/MW-1	8.0'	360.95'	15'	15' - 5.0'	14' - 4.0'	4.0' - 1.0'
SB-2/MW-2	8.0'	360.22'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-3/MW-3	5.6'	359.66'	20'	20' - 5.0'	20' - 3.0'	3.0' - 1.0'
SB-4/MW-4	7.0'	360.95'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-5/MW-5	8.0'	360.00'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-6/MW-6	7.5'	359.73'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-7/MW-7	8.0'	359.63'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-8/MW-8	9.0'	358.48'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-9/MW-9	9.0'	360.40'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-10/MW-10	13'	360.35'	20'	20' - 5.0'	20' - 3.0'	3.0' - 1.0'
SB-11/MW-11	9.0'	357.78'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-12/MW-12	7.0'	358.37'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-13/MW-13	9.0'	358.91'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'
SB-14/MW-14	8.0'	359.24'	15'	15' - 5.0'	15' - 3.0'	3.0' - 1.0'

NOTES:

All depth intervals given in feet below grade.

TOC = Top of Casing



Well Development

Groundwater well development was performed on September 18th and 19th, 2024 with a Waterra pump, PFAS-free tubing, and foot valve. The collection of water quality field parameters with a flow-through cell was abandoned during development activities due to the large amount of silt clogging the instrument. Each well was purged no less than 10 well volumes. The average depth to water (DTW) measured from tops of well casings during the well development activities was 6.58 fbg. Purge water associated with the well development was containerized as IDW in steel 55-gallon drums and staged onsite prior to disposal. Copies of the well development logs are located in **Attachment 2**.

Groundwater Sampling

The wells were subsequently sampled October 7th and October 8th, 2024. Water quality field parameters were recorded during performance of the sampling by low-stress (low-flow) techniques. In general, dissolved oxygen (DO) concentrations recorded during purging and just prior to sampling were less than 1.0 mg/L which relates to an anaerobic environment. The average pH concentration was 6.73. Copies of the low-flow sampling logs are provided in **Attachment 3**. Groundwater samples were collected using a PFAS-free peristaltic pump with PFAS-free tubing. Samples collected from these wells were analyzed for parameters as defined above in Section 4.2 and summarized in Table B-1 below. Purge water generated during the sampling activities was containerized as IDW in steel 55-gallon drums and staged onsite prior to disposal.

Table B.1 – October 2024 Groundwater Samples

<u>Well ID</u>	<u>Sample Analyses</u>	<u>Water Level EL.</u> <u>(ft AMSL)</u>	<u>Well ID</u>	<u>Sample Analyses</u>	<u>Water Level EL.</u> <u>(ft AMSL)</u>
*MW-1	VOCs, SVOCs, PCBs, Pests, 1,4-Diox., Metals, PFAS	353.43	MW-8	VOCs, SVOCs, PCBs, Pests, Metals	352.52
MW-2	VOCs, SVOCs, PCBs, Pests, Metals	352.90	MW-9	VOCs, SVOCs, PCBs, Pests, Metals	352.38
MW-3	VOCs, SVOCs, PCBs, Pests, Metals	352.95	MW-10	VOCs, SVOCs, PCBs, Pests, Metals	352.59
MW-4	VOCs, SVOCs, PCBs, Pests, Metals	353.19	MW-11	VOCs, SVOCs, PCBs, Pests, Metals	352.13
*MW-5	VOCs, SVOCs, PCBs, Pests, Metals	352.75	MW-12	VOCs, SVOCs, PCBs, Pests, Metals	353.49
MW-6	VOCs, SVOCs, PCBs, Pests, Metals	352.72	MW-13	VOCs, SVOCs, PCBs, Pests, Metals	352.66
MW-7	VOCs, SVOCs, PCBs, Pests, Metals	352.63	MW-14	VOCs, SVOCs, PCBs, Pests, 1,4-Diox., Metals, PFAS	352.66

*Indicates a QA/QC (duplicate -or- MS/MSD) sample was collected at this location.
Pests = pesticides

Groundwater Flow Direction and Contour

The Site is topographically relatively flat as is the observed water table. The average DTW as measured from tops of casings during the October 2024 sampling event was 6.84 fbg. Depth to water measurements as recorded during LaBella's previous Limited Phase II Investigation in January 2023, reported an average DTW of 5.62 fbg which is consistent with DTW measurements recorded during both the well development and sampling events performed as part of this Site Characterization.

Static water levels recorded during the October 2024 sampling event were used to determine the groundwater flow direction across the Site. Groundwater flow direction is calculated to be towards the west-southwest at a gradient of approximately 0.004 ft/ft, however, water table mounding is evident in the vicinity of monitoring well MW-12 which may affect the flow direction and gradient in this area. The



stormwater infiltration basins that are located on the western portion of the property may temporarily rise as a result of a significant precipitation event creating groundwater mounding. This mounding can occur in areas where infiltrating water intersects a groundwater table and the rate of water entering the subsurface is greater than the rate at which water is conveyed away from the infiltration basin. It should be noted that any mounding created is strictly dependent upon the amount and duration of precipitation events and would be temporary in nature. There is no definitive data to indicate that the infiltration basins are significantly affecting groundwater flow direction at the property. The groundwater flow direction/contour map is presented in **Figure 5**.

4.6 Soil Gas and Soil Vapor Intrusion Sampling

Soil Gas

To evaluate soil gas at the perimeter of the Site buildings, ten (10) soil gas monitoring probes (SV-1 through SV-10) were installed. The depth of each probe was determined by the overseeing geologist based upon the observed water table during soil boring/monitoring well installations. The probes were installed using a hand auger due to the water table elevation. This method allowed for greater accuracy to place the probe above the saturated zone. Each probe location was finished as detailed in the SCWP and finished within a steel bolt-down road box set in a concrete pad. The average depth of the soil vapor probes was 46.7 inches with the deepest being SV-2 at 60 inches below grade surface and shallowest probe was SV-6 at 30 inches below grade. Soil gas samples were collected on December 2, 2024, using Summa canisters equipped with 8-hour regulators and submitted to Phoenix for VOC analysis by USEPA Method TO-15. Locations of soil gas probes are depicted on Figure 4.

Soil Vapor Intrusion Sampling

To characterize sub-slab soil vapor and indoor air within the two Site buildings selected within the SCWP, samples were collected from each of the 23 individual leaseholds. Samples were collected from December 3rd through December 5th, 2024, using six-liter batch certified Summa canisters equipped with laboratory calibrated 8-hour (0.004 L/min) flow controllers. Sub-slab soil vapor sampling points were installed utilizing a Vapor Pin[®] as described in the SCWP. Representative ambient indoor air (IA), outdoor air (OA) samples, and Duplicates were concurrently collected in accordance with NYSDOH guidance. A helium tracer gas test was performed on each sub-slab soil vapor sampling point prior to commencing with sampling and a NYSDOH Structure Sampling Questionnaire was filled out for each leasehold complete with chemical inventory. A copy of the Structure Sampling Questionnaire for each location is provided in **Attachment 4**. After sample collection, the samples were sent to Phoenix for VOC analysis by USEPA Method TO-15.

4.7 Survey

The locations of all monitoring wells, ground surface elevation, and inner and outer casing elevations have been surveyed by a licensed professional surveyor. Horizontal datum and north orientation are based on the State Plane Coordinate System North American Datum of 1983 (NAD83) East, as derived from onsite static Global Navigation Satellite System (GNSS) Observations. Elevations (vertical) data is based on the North American Vertical Datum of 1988 (NAVD88). The elevation of the top inner casing used for water-level measurements was measured to the nearest 0.01 foot. Groundwater measurements obtained during the investigation were calculated with surveyed elevations to establish the direction of groundwater flow beneath the property. A copy of the survey is included in **Attachment 5**.

4.8 Community Air Monitoring Plan

All ground intrusive work performed was conducted in accordance with the requirements established by the NYSDOH's May 2010 *Generic Community Air Monitoring Plan* (CAMP), NYSDOH's DER-10, and (for installation of sub-slab soil vapor points only) the Special Requirement CAMP as set forth within LaBella's SCWP. No exceedances of particulate or VOCs were recorded during soil boring activities or installation



of soil vapor sub-slab sampling points. Recorded CAMP data is provided in **Attachment 6 (CAMP data)** and **Attachment 7 (Special Requirement CAMP)**.

4.9 Decontamination and Investigation Derived Waste

All down-hole drill tooling was washed onsite prior to commencement of soil boring activities. Additionally, drill tooling was washed prior to advancing to subsequent boring locations. All tooling was washed with Alconox and rinsed with potable water within a decontamination pad constructed at the northwestern section of the Site.

Soil cuttings and purge water associated with groundwater well development and sampling were containerized within steel, 55-gallon, drums and labeled with “Pending Analytical” labels prior to receipt of the laboratory analytical results. “Non-Hazardous” labels were applied by LaBella upon receipt of the analytical data and in communication with the waste hauler.

LaBella contracted Corbett Industrial Cleaning Services, Inc. of Slingerlands, New York to transport and dispose of a total of 22 drums of Site-related IDW. A copy of the disposal manifest is attached as **Attachment 8**.

4.10 Changes or Deviations to Site Characterization Work Plan

Based on field conditions and discussions with NYSDEC, one (1) change was made to the work plan:

Soil Sampling/Monitoring Well Location

The location of soil boring/monitoring well 11 was moved approximately 20 feet to the northwest due to concerns with disturbing the retention pond lining and possibly being off the tax parcel. The revised location was agreed upon in the field with NYSDEC, LaBella, and the Newton Plaza property manager.

Based upon email correspondence with the NYSDEC on September 24, 2024, the staged Investigation Derived Waste (IDW) drums were either missing labels -or- mislabeled, and one soil (1) drum was observed to be pierced. The drums were labeled the same day, and contents of the pierced drum were transferred to a new drum. The perimeter staging area was subsequently marked off with caution tape as also requested by the NYSDEC. Representatives from the NYSDEC were onsite to observe the actions taken.

5.0 SITE CHARACTERIZATION RESULTS

This section summarizes the analytical results observed during this Site Characterization.

5.1 Soil Results

Soil sampling was conducted as described above in Section 4.4. Samples were collected from soil boring locations SB-1 through and including SB-14. Locations SB-1 and SB-14 were selected in agreement with the NYSDEC for the analysis of PFAS and 1,4-Dioxane. A summary of the laboratory analytical results for soil samples compared to NYCRR Part 375 Commercial Use SCOs can be found in Tables 1 through 4. **Figure 6** displays a summary of reported compounds for each boring location. The complete laboratory analytical reports are provided in **Attachment 9**.

VOCs (Table 1)

Sample SB-11 8'-9':



- sec-butylbenzene, n-Butylbenzene, and Naphthalene were reported at concentrations of 0.940 mg/Kg, 0.740 mg/Kg, and 0.570 mg/Kg respectively, all below the Commercial Use SCO of 500 mg/Kg.
- 2-Isopropyltoluene was reported at a concentration of 0.250 mg/Kg with no listed SCO value.

Acetone concentrations were reported in soil samples from locations SB-2, SB-4, SB-5, SB-8, SB-9, SB-10, SB-11, SB-12, and SB-13 but well below the SCO of 500 mg/kg. Acetone is not a compound of concern for this Site and is considered a laboratory artifact due to its use as a cleaning agent in the laboratory. Refer to the laboratory analytical reports “S” modifier which is described as “laboratory solvent, contamination is possible.”

No other VOCs were reported at concentrations above the laboratory RL.

SVOCs (Table 2)

Sample SB-12 6'-7':

- Benzo(b)fluoranthene and Fluoranthene were reported at concentrations of 0.320 mg/Kg and 0.390 mg/Kg, below their respective SCOs of 56 mg/Kg and 500 mg/Kg.

No other SVOCs were reported at concentrations above the laboratory RL.

Metals (Table 3)

Sample SB-12 6'-7':

- Mercury was reported at a concentration of 8.89 mg/Kg, an exceedance of the SCO of 2.8 mg/Kg.

Five (5) metals were reported above the laboratory RL but well below their respective SCOs: Arsenic, Barium, Cadmium, Chromium, and Lead.

Pesticides (Table 3)

Seven (7) pesticides were reported above the laboratory RL but well below their respective SCOs: 4,4 - DDD, 4,4 - DDT, 4,4 - DDE, a-chlordane, chlordane, g-Chlordane, and Dieldrin.

Polychlorinated biphenyls (PCBs) (Table 3)

As indicated in Table 3, PCBs were not detected above laboratory RLs for any compounds.

PFAS and 1,4-Dioxane (Table 4)

As indicated in Table 4, no concentrations of PFAS compounds or 1,4-Dioxane were recorded above the laboratory RL.

5.2 Groundwater Results

Groundwater sampling was conducted as described in Section 4.5. All fourteen (14) groundwater monitoring wells were sampled as part of this Site Characterization. MW-1 and MW-14 were selected for sampling of PFAS and 1,4-Dioxane. A summary of laboratory analytical results for groundwater monitoring well locations as compared to TOGS 1.1.1 AWQSGV can be found in Tables 5 through 8. **Figure 7** displays a summary of reported compounds for each monitoring well location. Complete copies of the laboratory analytical reports are provided in **Attachment 10**.

VOCs (Table 5)

As indicated in Table 5, no VOCs were reported above the laboratory RL.

The groundwater sample from MW-11 reported concentrations of 2-isopropyltoluene, n-Butylbenzene, and sec-Butylbenzene below the RL and as such, are considered estimated values.



SVOCs (Table 6)

SVOCs were detected above laboratory RLs in seven (7) of the 14 groundwater samples analyzed. Six (6) compounds exceeded TOGS 1.1.1 AWQSGVs. These compounds and their reported concentrations are listed below:

MW-2:

- Phenol was reported at a concentration of 2.3 µg/L, an exceedance of the TOGS 1.1.1 AWQSGV (TOGS) of 0.002 µg/L.

MW-3:

- Phenol was reported at a concentration of 3.0 µg/L, an exceedance of the 0.002 µg/L TOGS value.

MW-5:

- Chrysene was reported at a concentration of 0.02 µg/L, an exceedance of the 0.002 µg/L TOGS value.

MW-9

- Benz(a)anthracene was reported at a concentration of 0.04 µg/L, an exceedance of the 0.002 µg/L TOGS value.
- Benzo(b)fluoranthene was reported at a concentration of 0.03 µg/L, an exceedance of the 0.002 µg/L TOGS value.
- Benzo(k)fluoranthene was reported at a concentration of 0.03 µg/L, an exceedance of the 0.002 µg/L TOGS value.
- Chrysene was reported at a concentration of 0.03 µg/L, an exceedance of the 0.002 µg/L TOGS value.
- Indeno(1,2,3-cd)pyrene was reported at a concentration of 0.04 µg/L, an exceedance of the 0.002 µg/L TOGS value.
- Benzo(a)pyrene was reported at a concentration of 0.04 an exceedance of the ND TOGS value.

MW-10

- Benz(a)anthracene was reported at a concentration of 0.02 µg/L, an exceedance of the 0.002 µg/L TOGS value.

MW-11

- Phenol was reported at a concentration of 3.0 µg/L, an exceedance of the 0.002 µg/L TOGS value.

MW-14

- Benzo(b)fluoranthene was reported at a concentration of 0.02 µg/L, an exceedance of the 0.002 µg/L TOGS value.
- Chrysene was reported at a concentration of 0.02 µg/L, an exceedance of the 0.002 µg/L TOGS value.

Metals (Table 7)

Metals were detected above and below laboratory RLs in all 14 groundwater samples analyzed. The reported concentration of Lead in MW-9 was the only exceedance at a concentration of 34 µg/L as compared to the TOGS guidance value of 25 µg/L.

Pesticides (Table 7)

Pesticides were reported above the laboratory RL in the MW-3 groundwater sample. Two (2) compounds were reported in exceedance of TOGS guidance values. The compounds and their respective concentration are reported below.



MW-3

- Chlordane was reported at a concentration of 0.38 µg/L, an exceedance of the 0.05 µg/L TOGS value.
- Heptachlor epoxide was reported at a concentration of .037 µg/L, an exceedance of the 0.03 µg/L TOGS value.
- A-chlordane was reported above the laboratory RL at a concentration of 0.11 µg/L with no TOGS listed value.
- G-chlordane was reported above the RL at a concentration of .037 µg/L, with no TOGS listed value.

PCBs (Table 7)

As indicated in Table 7, PCBs were not detected above laboratory RLs in any of the groundwater samples.

PFAS and 1,4-Dioxane (Table 8)

PFAS were detected above laboratory RLs. TOGS provides standards of 6.7 ng/L for PFOA and 2.7 ng/L for PFOS. No reported concentrations of 1,4-Dioxane were reported above the laboratory RL. A comparison of these compounds to the guidance values is presented below:

MW-1

- PFOS and PFOA were reported at concentrations of 3.1 ng/L and 2.9 ng/L respectively.

MW-14

- PFOA was reported at a concentration of 147 ng/L.

5.3 Soil Vapor Results

5.3.1 Sub-Slab Soil Vapor and Indoor Air

A Summary of the laboratory analytical results for the December 2024 soil vapor sampling event compared to the NYSDOH Decision Matrix values as per the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York, May 2017*, updated February 2024, are presented in **Table 9**. Laboratory analytical reports are included as **Attachment 11**. A review of the SVI results for each individual leasehold is presented below. Leasehold locations are reported as compared to NYSDOH Matrix guidelines and categorized in order from Mitigate, to Monitor, to Identify Source(s) and Resample or Mitigate, and No Further Action. **Figure 8** is provided as a map key for locations of leasehold tenant spaces within the Site. **Figures 8a** through **Figure 8c** depict SVI sampling point locations with NYSDOH Decision Matrices representative concentrations reported. Analytes reported as part of the TO-15 list, but not a part of the NYSDOH Decision Matrices are also listed in Table 9.

The following leasehold locations have reported concentrations at or above the NYSDOH Criteria for Mitigate:

Café 1

- Trichloroethene (TCE) concentrations were reported above the Mitigate category in sub-slab (SS) and indoor air (IA) samples at 93.4 µg/m³ and 0.53 µg/m³ respectively.
- Carbon tetrachloride concentrations were reported within the Monitor category in SS and IA at 26.2 µg/m³ and 0.53 µg/m³ respectively.
- Concentrations of 1,1-Dichloroethene, Cis-1,2-Dichloroethene, Tetrachloroethene (PCE), Ethylbenzene, Isooctane, 1,2,4-Trimethylbenzene, o-Xylene, m,p-Xylene, Heptane, and Toluene were reported at levels within the No Further Action category.



Sunshine Cleaners 2

- TCE concentrations were reported above the Mitigate category in SS and IA samples at 317 $\mu\text{g}/\text{m}^3$ and 0.32 $\mu\text{g}/\text{m}^3$ respectively.
- PCE concentrations were reported above the Mitigate category in SS and IA samples at 996 $\mu\text{g}/\text{m}^3$ and 16.8 $\mu\text{g}/\text{m}^3$ respectively.
- Concentrations of Carbon Tetrachloride, Cis-1,2-Dichloroethene, Ethylbenzene, Isooctane, 1,2,4-Trimethylbenzene, o-Xylene, m,p-Xylene, and Toluene were reported at levels within the No Further Action category.

The following leasehold locations have reported concentrations within the NYSDOH Criteria for Monitor:
Candy Shop 4

- TCE concentrations were reported within the Monitor category in SS and IA samples at 14.7 $\mu\text{g}/\text{m}^3$ and 0.38 $\mu\text{g}/\text{m}^3$ respectively.
- Concentrations of Carbon Tetrachloride, PCE, Isooctane, m,p-Xylene, and Toluene were reported at levels within the No Further Action category.

The following leasehold locations have reported concentrations within the NYSDOH Criteria for Identify Source(s) and Resample or Mitigate:

Retail Clothing 13

- TCE was reported in the IA sample at a concentration of 1.05 $\mu\text{g}/\text{m}^3$.
- Concentrations of Carbon Tetrachloride, PCE, Isooctane, m,p-Xylene, and Toluene were reported at levels within the No Further Action category.

Retail Clothing 17

- TCE was reported in the IA sample at a concentration of 1.66 $\mu\text{g}/\text{m}^3$.
- Concentrations of Carbon Tetrachloride, PCE, Isooctane, m,p-Xylene, and Toluene were reported at levels within the No Further Action category.

The remaining 17 leasehold locations have reported concentrations within the NYSDOH Criteria for No Further Action.

5.3.2 Soil Gas

A summary of USEPA Method TO-15 laboratory analytical results for soil gas samples is presented in **Table 10**. A copy of the laboratory analytical report is provided in **Attachment 12**. A total of nine (9) compounds were recorded above the RL laboratory analytical results of the soil gas sampling. For this discussion, the reported concentrations for Acetone and Isopropyl alcohol are omitted due to their use in the laboratory as cleaning agents. Soil gas sampling locations SV-1 through and including SV-10 recorded the following compounds and concentrations:

- SV-1: Chloroform was reported at a concentration of 85.9 $\mu\text{g}/\text{m}^3$.
- SV-2: Chloroform was reported at a concentration of 106 $\mu\text{g}/\text{m}^3$, Ethanol was reported at a concentration of 10 $\mu\text{g}/\text{m}^3$, Tetrachloroethene was reported at a concentration of 40.9 $\mu\text{g}/\text{m}^3$, and Trichlorofluoromethane was reported at a concentration of 12.2 $\mu\text{g}/\text{m}^3$.
- SV-3: Tetrachloroethene was reported at a concentration of 3.36 $\mu\text{g}/\text{m}^3$.
- SV-4: Dichlorodifluoromethane was reported at a concentration of 74.6 $\mu\text{g}/\text{m}^3$, Tetrachloroethene was reported at a concentration of 5.22 $\mu\text{g}/\text{m}^3$, and Trichlorofluoromethane was reported at a concentration of 6.46 $\mu\text{g}/\text{m}^3$.
- SV-5 (DUP Parent): No concentrations reported above the RL, however Ethanol was reported in the DUP sample at 8.62 $\mu\text{g}/\text{m}^3$.
- SV-6: Chloroform was reported at a concentration of 6.2 $\mu\text{g}/\text{m}^3$, and Tetrachloroethene was reported at a concentration of 2.98 $\mu\text{g}/\text{m}^3$.
- SV-7: Ethanol was reported at a concentration of 5.18 $\mu\text{g}/\text{m}^3$.



- SV-8: Chloroform was reported at a concentration of 8.3 µg/m³, Cis-1,2-Dichloroethene was reported at a concentration of 126 µg/m³, Tetrachloroethene was reported at a concentration of 47,200 µg/m³, Trichloroethene was reported at a concentration of 967 µg/m³, and Trichlorofluoromethane was reported at a concentration of 11.2 µg/m³.
- SV-9: Ethanol was reported at a concentration of 6.78 µg/m³.
- SV-10: No concentrations reported above the RL apart from Isopropyl alcohol.

Soil Gas sampling probe locations with reported compound concentration tables are depicted on **Figure 9**.

5.4 Data Usability Summary Report

Pursuant to DER-10 guidelines, a Data Usability Summary Report (DUSR) was prepared as part of this SC. LaBella contracted Environmental Assessment and Remediation of Patchogue, New York to complete the review of the laboratory analytical data. The data has been verified as usable. The completed DUSRs are provided in **Attachment 13**.

6.0 DISCUSSION

Most of the commercial property, including unaffected leasehold locations, is covered by retail buildings and pavement for parking which is an effective confining layer for any volatile organic vapors. With the depth to groundwater generally five (5) to eight (8) feet below grade and an extensive asphalt covering, a relatively thin vadose zone is created beneath the buildings. As such, it is apparent that the presence of CVOCs in sub-slab samples in a limited number of leaseholds is a direct result of vapors collecting within this compact, unconsolidated portion of the subsurface.

6.1 Observations

Based on analytical sampling results the following observations have been made:

- SVI laboratory analytical reported the leasehold locations of the Café (SS/IA-1) and Sunshine Cleaners (SS/IA-2) have concentrations of VOCs which exceed NYSDOH guidance for Mitigate.
- The leasehold locations for Retail Clothing 13 (SS/IA-13), Candy Shop 4 (SS/IA-4), and Retail Clothing 17 (SS/IA-17) have reported laboratory analytical concentrations of VOCs within the NYSDOH guidance to Identify Sources and/or Resample or Mitigate.
- Soil gas laboratory analytical data reported concentrations of CVOCs in sample SV-8, which is located immediately outside the back door of the Sunshine Cleaners leasehold.
- There were no Exceedances of VOCs, SVOCs, Pesticides, PCBs, PFAS, or 1,4-Dioxane in soil samples as compared to Part 375 Commercial Use SCOs. Lead was the only exceedance for metals at a concentration of 8.89 µg/kg in soil sample SB-12 6'-7'.
- There were no exceedances for VOCs in groundwater. Six (6) SVOCs were reported in exceedance of TOGS Guidance values.

6.2 Conclusions

The work completed at the Newton Plaza property reflects that there has not been a significant release of CVOCs into the subsurface nor a significant contamination condition. Soil, groundwater, and soil vapor intrusion laboratory analytical results indicate mostly favorable conditions. The soil gas location SV-8 recorded a concentration of tetrachloroethene which warrants additional investigation/remediation and will be addressed in future site work. LaBella proposes to follow DER-10 guidance and proceed to an Interim Remedial Measure (IRM) to address both the design of Sub-Slab Depressurization Systems (SSDS) at the locations identified along with the additional investigation/remediation of the immediate area around SV-8.



Sincerely,
LaBella Associates D.P.C.

A handwritten signature in black ink, appearing to read 'Todd Rollend', with a stylized, cursive script.

Todd Rollend
Environmental Scientist / Project Manager





Figures

Figure 1: Site Location Map

Figure 2: Property Map

Figure 3: Private Utility Location Map

Figure 4: Soil Boring/Monitoring Well and Soil Gas Sampling Points Locations Map

Figure 5: Groundwater Flow Direction and Contour Map

Figure 6: SOIL Summary of Reported Concentrations

Figure 7: GROUNDWATER Summary of Reported Concentrations

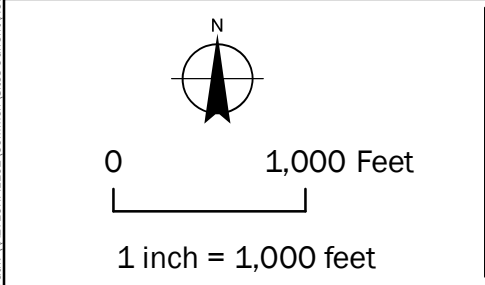
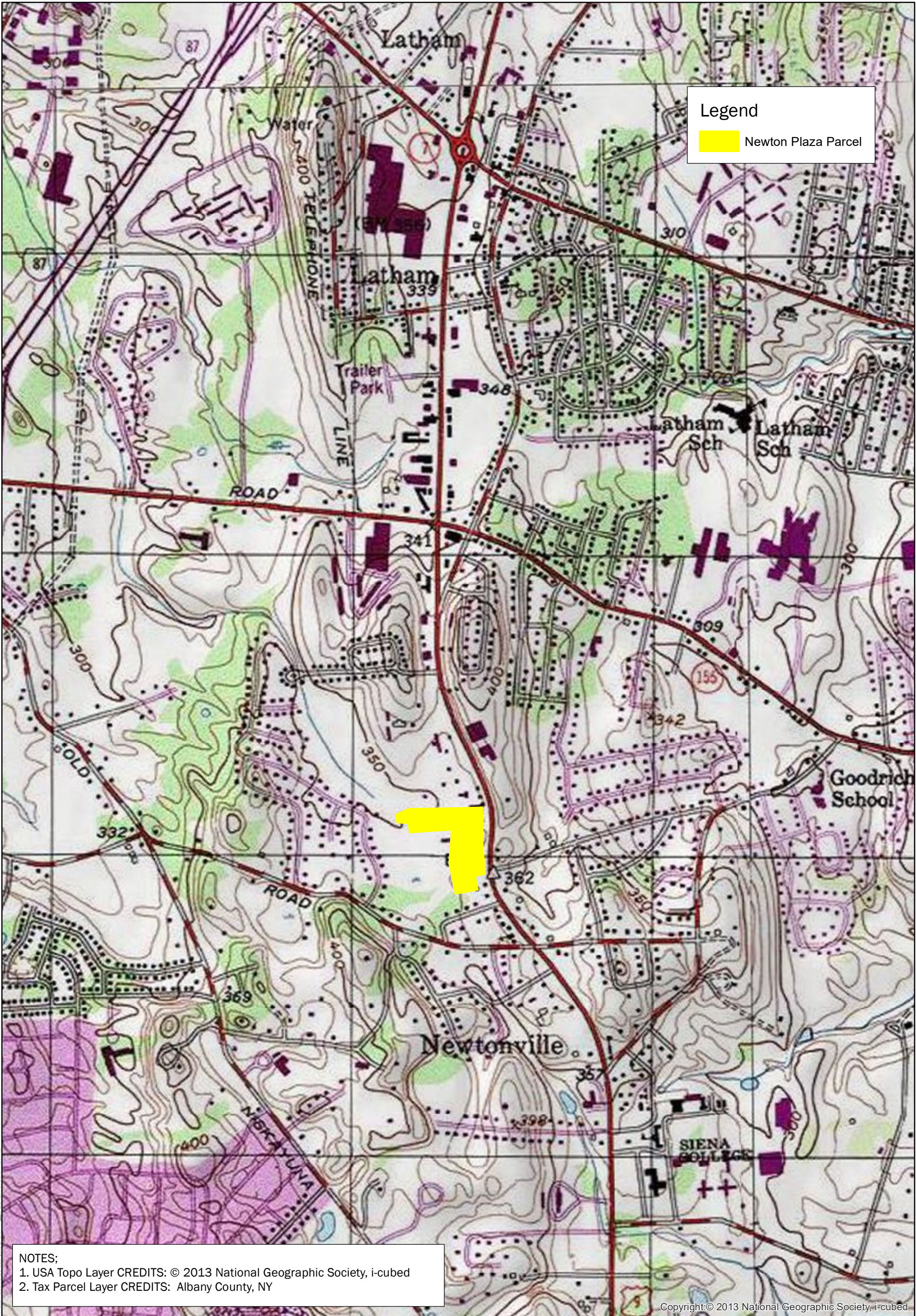
Figure 8: SVI Sampling Location Key Map

Figure 8a: SVI Southern Locations and Reported Concentrations

Figure 8b: SVI Central Locations and Reported Concentrations

Figure 8c: SVI Northern Locations and Reported Concentrations

Figure 9: Soil Gas Sampling Locations and Reported Concentrations



Newton Plaza Associates LLC
Site Characterization Report

LaBella Project No: 2243806
Date: 2025
11" x 17"

Property Location Map

FIGURE 1

NYSDEC P-Site No. 401085 Newton Plaza



Legend

Newton Plaza

NOTES;
1. Aerial Image Layer CREDITS: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

N

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200 Feet

1 inch = 200 feet

LaBella

Powered by partnership.

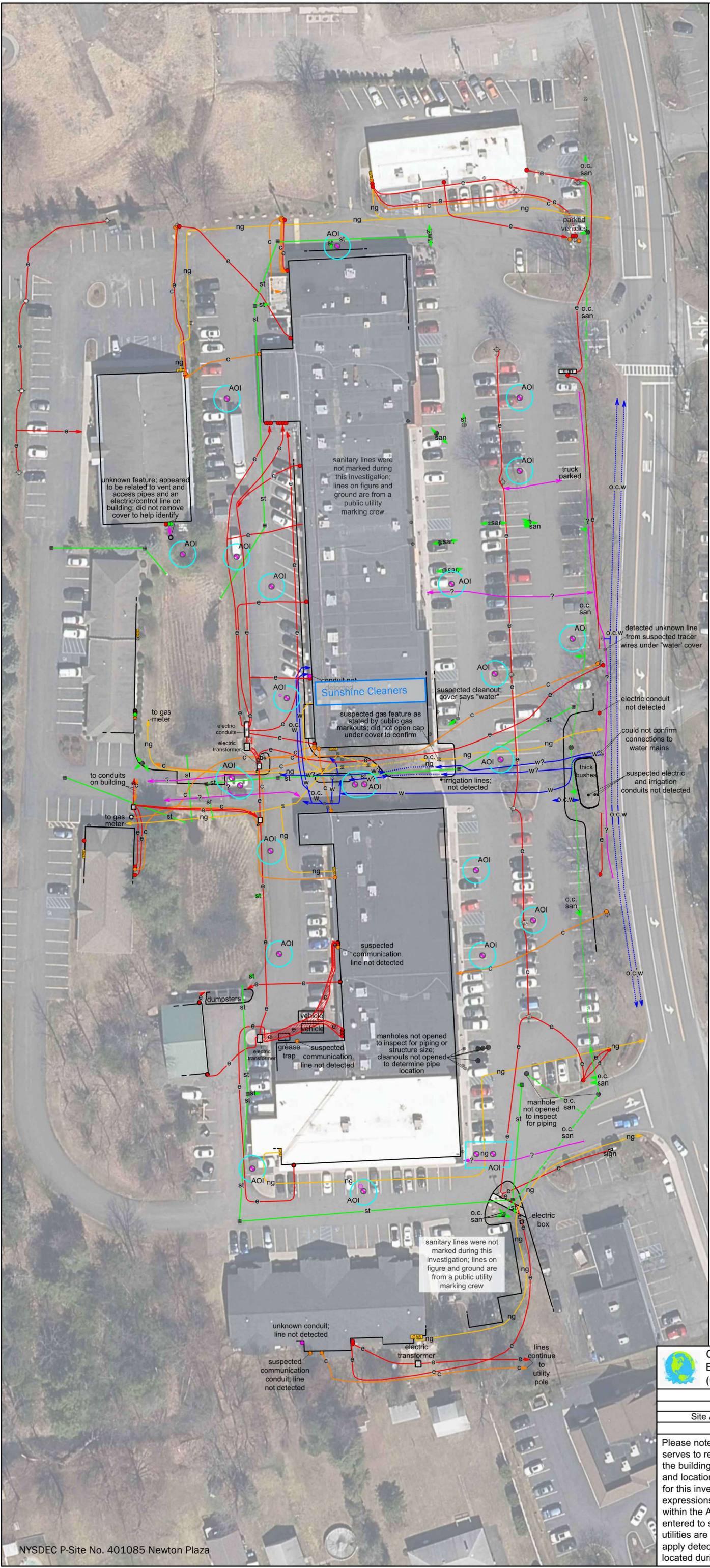
Newton Plaza Associates LLC
Site Characterization Report

LaBella Project No: 2243806
Date: 2025
11" x 17"

Property Map

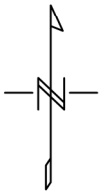
FIGURE 2

NYSDEC P-Site No. 401085 Newton Plaza



CGE LEGEND

- AOI area of investigation (AOI)
- proposed boring
- ground penetrating radar (GPR) (possibly non-conductive) anomaly
- e electric line
- c communication line
- ng natural gas line
- w/w? water/suspected-water line
- o.c.w one-call water mark
- san public marked sanitary line
- o.c.san one-call sanitary mark
- st storm water line
- ? suspected utility of undetermined use
- utility pole
- light post
- gas gas meter
- gas gas valve
- w water valve
- fire hydrant
- s sewer cleanout
- electric line
- communication line
- sewer/drain line
- unknown line
- manhole cover
- catch basin cover
- catch basin



0 25 50 75 ft
Scale: One inch equals approximately seventy five feet



Clean Globe
Environmental LLC
(CGE)

Long Island
34 Cain Dr.
Brentwood, NY 11717

Rockland County
PO BOX 1895
New City, NY 10956

Phone: 888-454-5923, Ext 700

Figure 3. Results of a GPR/EM investigation

Client: LaBella

Site Address: Newton Plaza, 580-602 Loudon Road, Latham, NY

Dates of Investigation: July 29-31 and August 16, 2024

Please note: -The orthoimage does not represent current conditions, but serves to represent the locations of the permanent structures, such as the building and adjacent sidewalks. -This is not a survey quality map and locations of features should be considered approximate. -The scope for this investigation was to locate utilities with exterior surface expressions, and to investigate for additional utilities and structures in within the AOIs surrounding the proposed borings.-Buildings were not entered to searched for utility rooms, and it should be noted that not all utilities are detectable, especially if there is no surface expression to apply detectable toning signals.-Sanitary and irrigation features were not located during this investigation.

Newton Plaza Associates

602 Loudon Road, Latham, NY 12110

NYSEDC P-Site No. 401085 Newton Plaza

Figure 4

Monitoring Wells & Subsurface Utility Designation

602 Loudon Road, Latham, NY 12110

NO.	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2230542

DRAWN BY: DCS

REVIEWED BY: DML

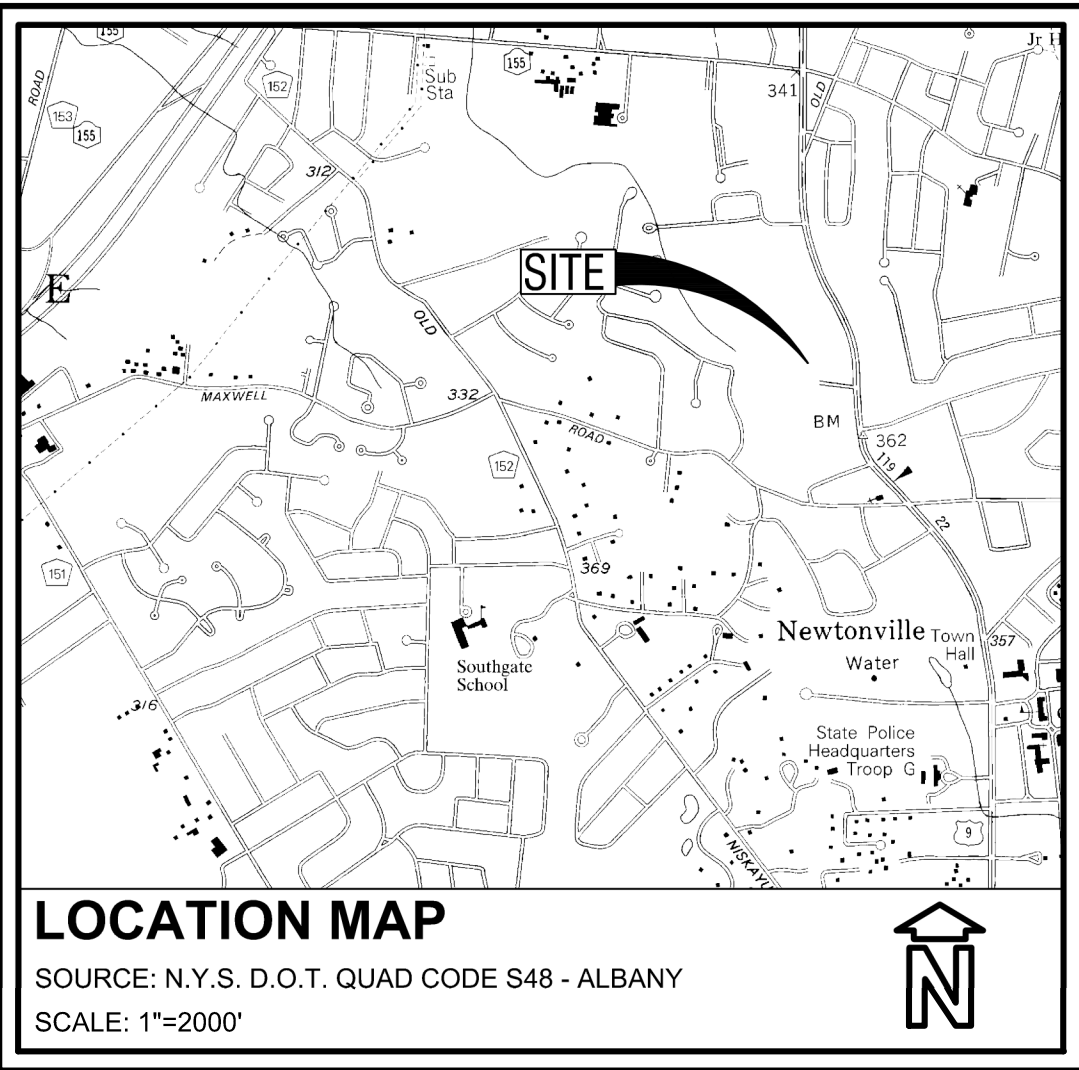
ISSUED FOR:

DATE: 05/05/2025

DRAWING NAME:

LANDS NOW OR FORMERLY OF NEWTON PLAZA ASSOCIATES LLC

DRAWING NUMBER:



LEGEND

EXISTING CONDITIONS:
APPROXIMATE PROPERTY LINE NO PHYSICAL BOUNDS
APPROXIMATE ADJACENT PROPERTY LINE

EXISTING BUILDING
CURB
EXISTING FENCE
EXISTING OVERHEAD WIRES
EXISTING WATER LINE
EXISTING GAS LINE
EXISTING UNDERGROUND ELECTRIC LINE
EXISTING UNDERGROUND COMMUNICATIONS LINE
EXISTING UNDERGROUND STEAM CONDUIT
EXISTING UNDERGROUND HOT WATER LINE
EXISTING UNDERGROUND CABLE LINE
EXISTING UNKNOWN UNDERGROUND LINE
EXISTING UNDERGROUND SEWER LINE
EXISTING UNDERGROUND STORM LINE

SYMBOLS:
EXISTING SIGN (1 POST)
EXISTING SIGN (2 POSTS)
EXISTING BOLLARD
EXISTING FLAGPOLE
EXISTING MAILBOX
EXISTING FENCE POST
EXISTING POST
EXISTING CONIFEROUS TREE
EXISTING DECIDUOUS TREE
EXISTING SANITARY MANHOLE
EXISTING CLEANOUT
EXISTING DRAINAGE MANHOLE
EXISTING CATCH BASIN
EXISTING CATCH BASIN ROUND
EXISTING YARD DRAIN
EXISTING END SECTION
EXISTING ROOF DRAIN LEADER
EXISTING ELECTRIC MANHOLE
EXISTING ELECTRIC TRANSFORMER
EXISTING ELECTRIC OUTLET
EXISTING GUY WIRE
EXISTING UTILITY POLE
EXISTING UTILITY POLE W/ LIGHT
EXISTING LIGHT POLE
EXISTING PANEL/SWITCH BOX
EXISTING CONDUIT TO/FROM UNDERGROUND
EXISTING GAS VALVE
EXISTING GAS LINE MARKER
EXISTING SPIGOT
EXISTING WELL
EXISTING HYDRANT
EXISTING AUTO SPKLR. HYDRANT
EXISTING WATER SHUT OFF VALVE
EXISTING WATER VALVE
EXISTING CABLE TV PEDESTAL
EXISTING TELEPHONE LINE MARKER
EXISTING TELEPHONE MANHOLE
EXISTING TELEPHONE PEDESTAL
EXISTING UNKNOWN MANHOLE
EXISTING MONITORING WELL
EXISTING SOIL VAPOR PROBE
EXISTING UTILITY VALVE
EXISTING VALVE BOX
EXISTING VENT

MONITORING WELL NO.	GRADE	TOP WELL CASING	TOP PVC
MW-1	361.13'	361.12'	360.95'
MW-2	360.46'	360.47'	360.22'
MW-3	359.91'	359.89'	359.66'
MW-4	361.24'	361.23'	360.95'
MW-5	362.21'	360.19'	360.00'
MW-6	360.03'	360.01'	359.73'
MW-7	359.94'	359.94'	359.63'
MW-8	358.92'	358.90'	358.48'
MW-9	360.67'	360.66'	360.40'
MW-10	360.69'	360.69'	360.35'
MW-11	358.13'	358.13'	357.78'
MW-12	358.68'	358.67'	358.37'
MW-13	359.13'	359.12'	358.91'
MW-14	359.54'	359.53'	359.24'

SOIL VAPOR PROBES	GRADE	TOP WELL CASING
SV-1	362.28'	362.24'
SV-2	361.02'	361.02'
SV-3	361.05'	361.04'
SV-4	359.84'	359.84'
SV-5	359.13'	359.13'
SV-6	358.52'	358.52'
SV-7	360.15'	360.16'
SV-8	360.65'	360.65'
SV-9	360.43'	360.44'
SV-10	360.61'	360.60'

NOTES:

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BUILDING SHOWN HEREON SERVED BY UNDERGROUND UTILITIES.

HORIZONTAL DATUM & NORTH ORIENTATION ARE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD83 NY EAST, AS DERIVED FROM ON SITE STATIC GNSS OBSERVATIONS ON SEPTEMBER 2023.

UNDERGROUND UTILITIES SHOWN HEREON ARE THE RESULT OF AN UNDERGROUND UTILITY DESIGNATION COMPLETED BY CLEAN GLOBE ENVIRONMENTAL LLC ON JULY 29-31 & AUGUST 16, 2025 IN COAND FROM DATA OBTAINED FROM RECORD MAPS AND DRAWINGS. THE UTILITY DESIGNATION WAS COMPLETED IN ACCORDANCE WITH THE STANDARD PROCEDURES SET FORTH IN ASCE 38-22. ALL ABOVE GROUND STRUCTURES, SURFACE FEATURES AND THE LOCATION OF THE MARK OUT ARE THE RESULT OF AN INSTRUMENT SURVEY COMPLETED BY THIS OFFICE UNLESS OTHERWISE NOTED. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN OR CERTIFIED BY THE UNDERSIGNED. THE SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES AND UDIG-NY MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION OR CONSTRUCTION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

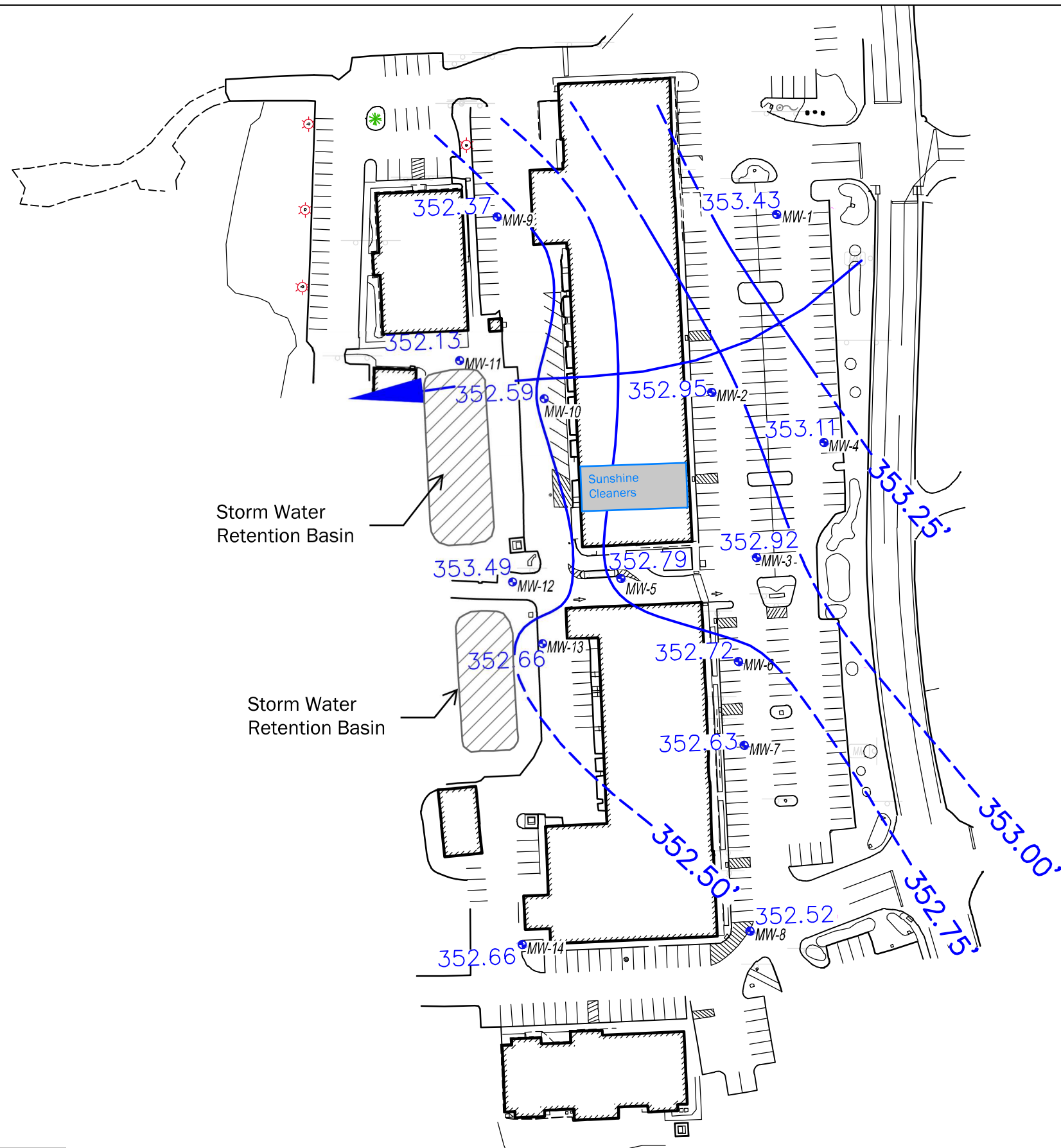
THE CONTRACTOR SHALL COMPLY WITH NEW YORK STATE INDUSTRIAL CODE RULE 753 - 48 HOURS PRIOR TO DIGGING CALL UDIG-NY 1-800-962-7962 TO HAVE PUBLIC UTILITY LOCATIONS PAINTED.

SUBSURFACE STRUCTURES NOT VISIBLE OR READILY APPARENT ARE NOT SHOWN AND THEIR LOCATION AND EXTENT ARE NOT CERTIFIED.

A BOUNDARY SURVEY WAS NOT PERFORMED AS PART OF THIS SURVEY. ALL PROPERTY LINES SHOWN ARE APPROXIMATE.

MAP REFERENCE:

MAP ENTITLED "NEWTON PLAZA, 580-602 LOUDON ROAD, LATHAM NY", PREPARED BY CLEAN GLOBE ENVIRONMENTAL LLC (CGE), DATED JULY 29-31 AND AUGUST 16, 2024.



- Legend:**
- MW-1 - Monitoring Well
 - Groundwater Flow Direction
 - Groundwater Contour (0.5' Intervals)



Newton Plaza
602 Loudon Road
Latham, New York

FIGURE 5

DATE: May, 2025

SCALE: 1" = 100'

Groundwater Flow Direction and Contour Map

NYSDEC P-Site No. 401085 Newton Plaza

Newton Plaza Associates. LLC

Site Characterization Report

NYSDEC P-Site No. 401085 Newton Plaza

LaBella Project No. 2243806

Date: 2025

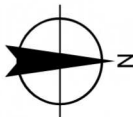
11 x 17

FIGURE 6

SOIL - Summary of Reported Concentrations for:

VOCs
SVOCs
PCBs
Metals
Pesticides
1,4-Dioxane, and PFAS

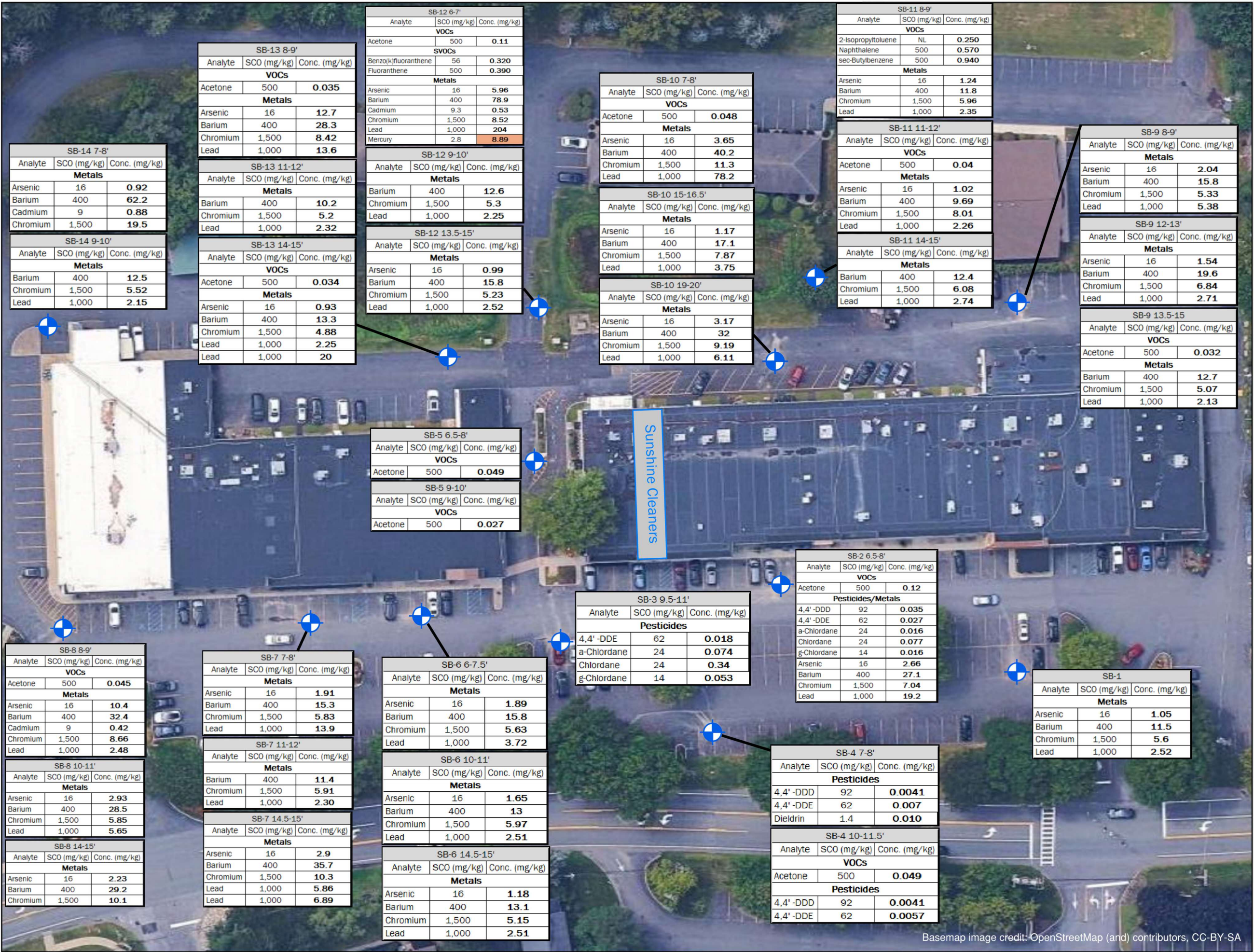
0 50 100
Feet



Legend

Soil Boring
Location

8.89 SCO
Exceedance





Newton Plaza Associates, LLC
Site Characterization Report

NYSDEC P-Site No. 401085 Newton Plaza

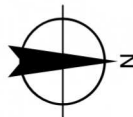
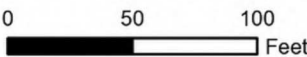
LaBella Project No. 2243806

Date: 2025

11 x 17

FIGURE 7

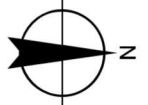
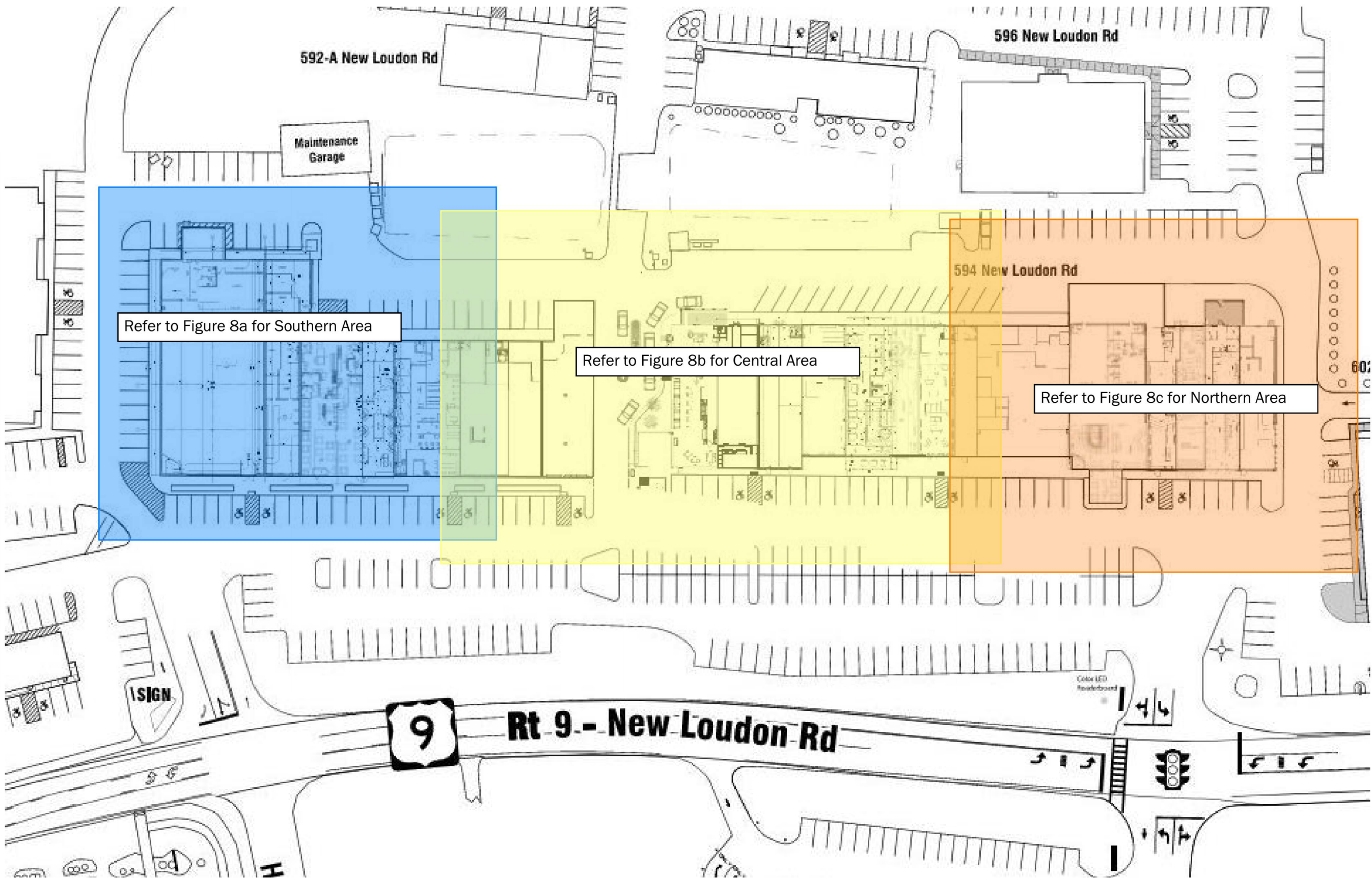
GROUNDWATER - Summary of
Reported Concentrations for:
VOCs
SVOCs
PCBs
Metals
Pesticides
1,4-Dioxane, and PFAS



Legend

Monitoring Well Location

TOGS Exceedance

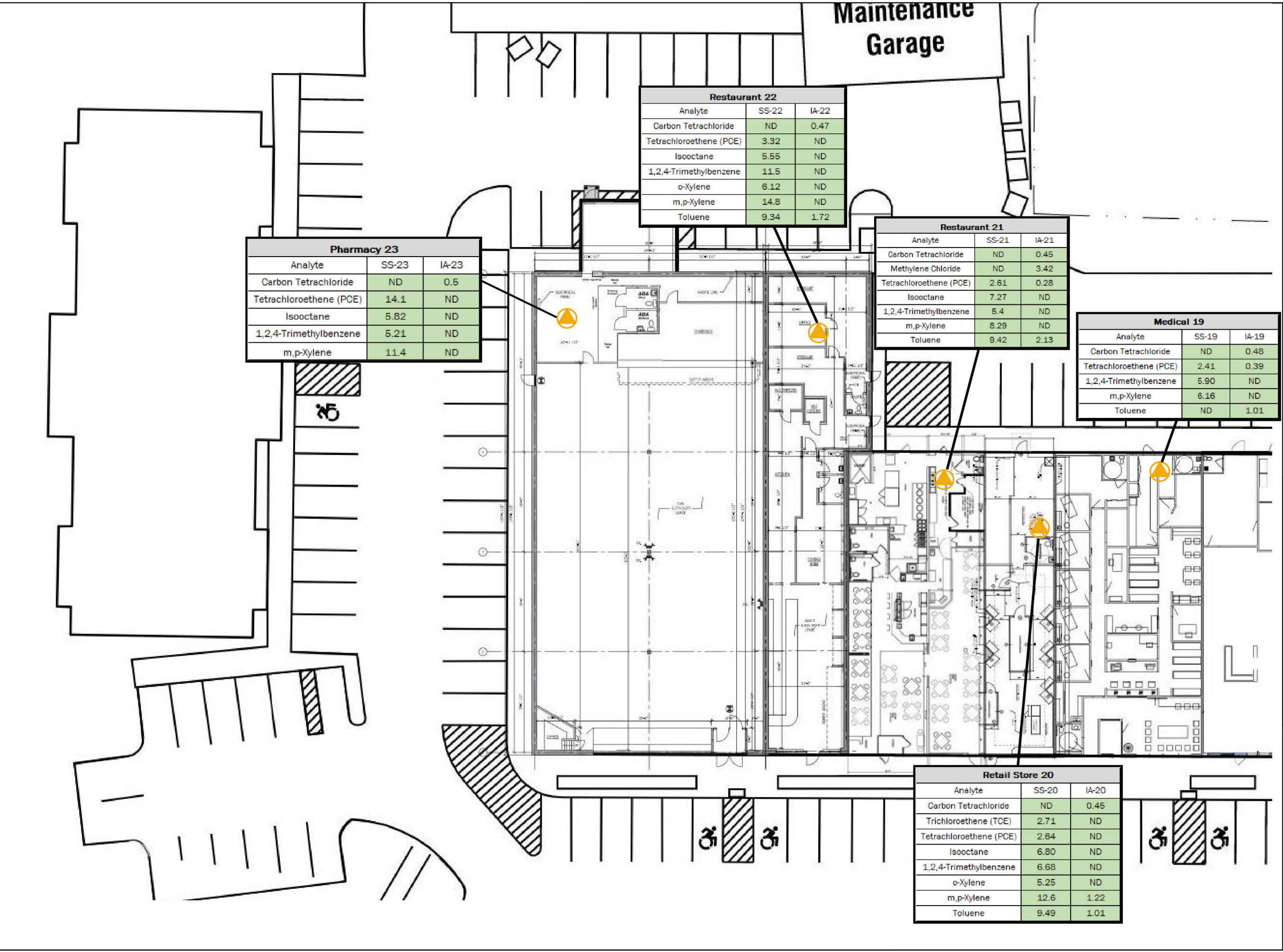


LaBella Project No: 2243806

Date: 2025

11" x 17"

Figure 8: SVI Map Key

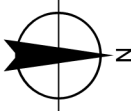


Legend:

 SVI Sampling Point
Location

NYSDOH Guidance

2.19	No Further Action
1.05	Identify/Resample/Mitigate
0.53	Monitor
0.62	Mitigate

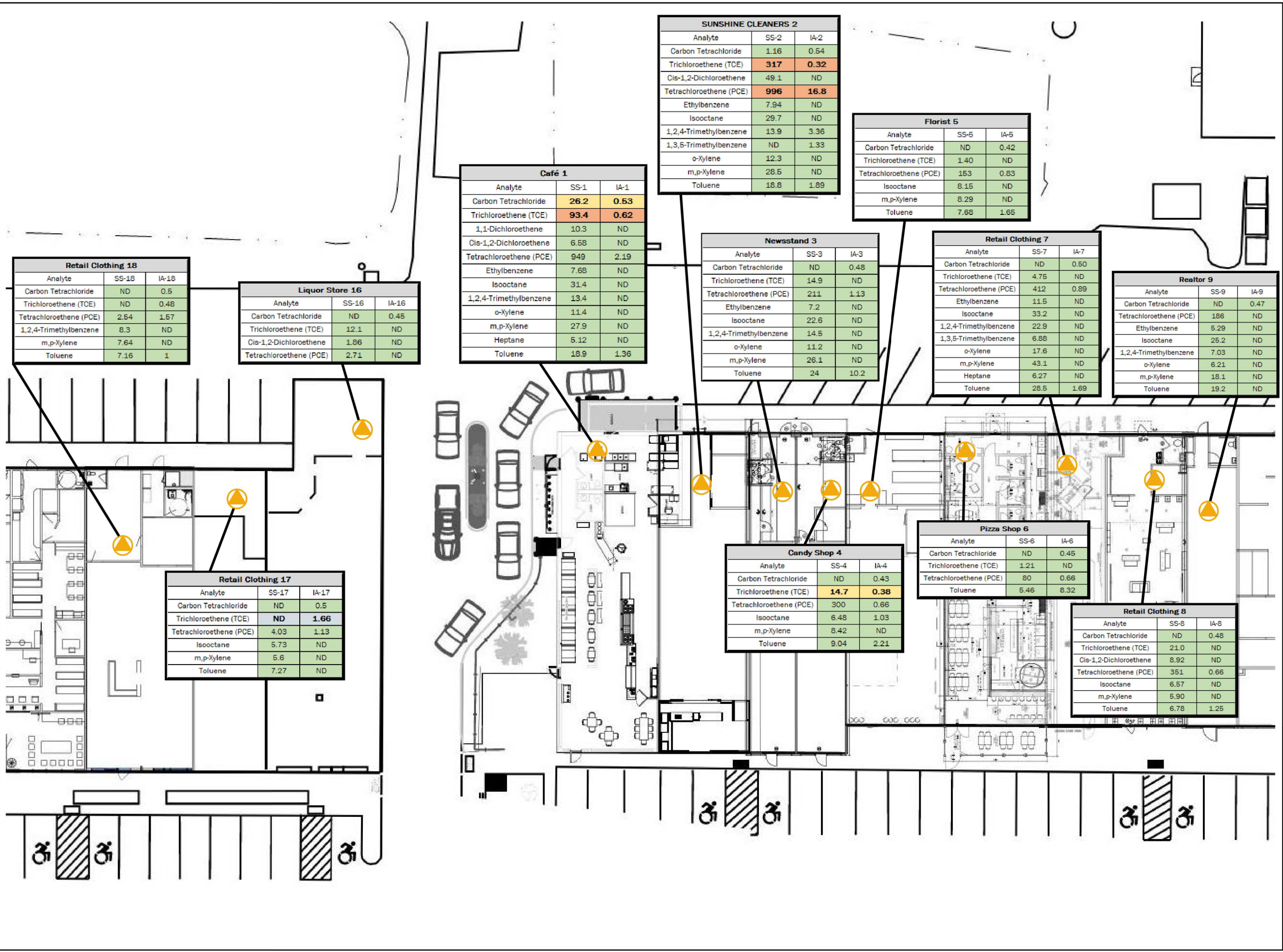


LaBella Project No: 2243806

Date: 2025

11" x 17"

Figure 8a:
Southern Area



Legend:

 SVI Sampling Point Location

NYSDOH Guidance

2.19	No Further Action
1.05	Identify/Resample/Mitigate
0.53	Monitor
0.62	Mitigate

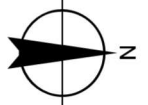


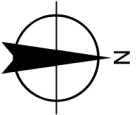
Figure 8b:
Central Area

Legend:



NYSDOH Guidance

2.19	No Further Action
1.05	Identify/Resample/Mitigate
0.53	Monitor
0.62	Mitigate



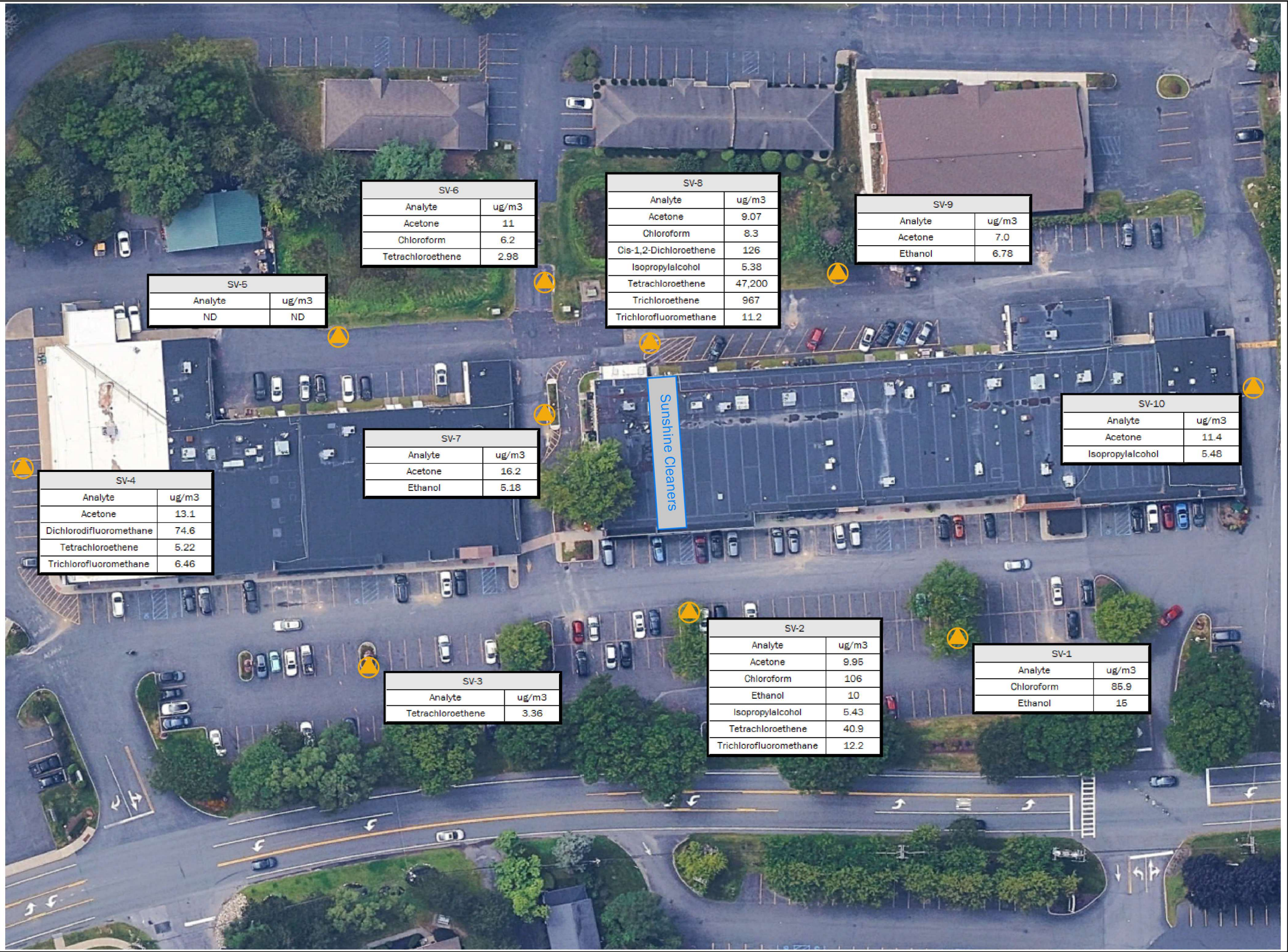
LaBella Project No: 2243806

Date: 2025

11" x 17"

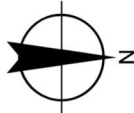
Figure 8c:
Northern Area





Legend

 Soil Gas
Sampling Point
Location



LaBella Project No: 2243806

Date: 2025

11" x 17"

Figure 9: Not To Scale

Soil Gas Sampling
Locations and Reported
Concentrations



Tables

Table 1 – VOCs in Soil

Table 2 – SVOCs in Soil

Table 3 – Metals, Pesticides, and PCBs in Soil

Table 4 – PFAS in Soil

Table 5 – VOCs in Groundwater

Table 6 – SVOCs in Groundwater

Table 7 – Metals, Pesticides, and PCBs in Groundwater

Table 8 – PFAS in Groundwater

Table 9 – Soil Vapor Intrusion Laboratory Analytical Summary

Table 10 – Soil Gas Summary of Laboratory Analytical

Table 1 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - Volatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	SB-1/MW-1	SB-2/MW-2	DUPE	SB-3/MW-3	SB-3/MW-3	SB-3/MW-3	SB-4/MW-4	SB-4/MW-4	SB-4/MW-4	SB-5/MW-5	SB-5/MW-5	SB-5/MW-5	SB-6/MW-6	SB-6/MW-6	
Laboratory Samples ID			CR45185	CR45186	CR45187	CR46088	CR46089	CR46090	CR46092	CR46093	CR46094	CR46095	CR46096	CR46097	CR47004	CR47005	
Sample Depth (ft bgs)			6-7'	6.5-8'		18-20'	18-20'	18-20'	7-8'	10-11.5'	14-15'	6.5-8'	9-10'	14-15'	6-7.5'	10-11'	
Sample Date			8/20/2024	8/20/2024	8/20/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/22/2024	8/22/2024	
Volatile organic compounds	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,1,1,2-Tetrachloroethane	630-20-6	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,1,1-Trichloroethane	71-55-6	500	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,1,2,2-Tetrachloroethane	79-34-5	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,1,2-Trichloroethane	79-00-5	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,1-Dichloroethane	75-34-3	240	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,1-Dichloroethene	75-35-4	500	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,1-Dichloropropene	563-58-6	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,2,3-Trichlorobenzene	87-61-6	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	U,U	
1,2,3-Trichloropropane	96-18-4	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,2,4-Trichlorobenzene	120-82-1	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	U,U	
1,2,4-Trimethylbenzene	95-63-6	190	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,2-Dibromo-3-chloropropane	96-12-8	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,2-Dibromoethane	106-93-4	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,2-Dichlorobenzene	95-50-1	500	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,2-Dichloroethane	107-06-2	30	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,2-Dichloropropane	78-87-5	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,3,5-Trimethylbenzene	108-67-8	190	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,3-Dichlorobenzene	541-73-1	280	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,3-Dichloropropane	142-28-9	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
1,4-Dichlorobenzene	106-46-7	130	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
2,2-Dichloropropane	594-20-7	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
2-Chlorotoluene	95-49-8	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
2-Hexanone	591-78-6	NL	<0.029	<0.028	<0.029	<0.029	<0.025	<0.023	<0.027	<0.029	<0.021	<0.027	<0.026	<0.027	<0.028	<0.028	
2-Isopropyltoluene	527-84-4	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
4-Chlorotoluene	106-43-4	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
4-Methyl-2-pentanone	108-10-1	NL	<0.029	<0.028	<0.029	<0.029	<0.025	<0.023	<0.027	<0.029	<0.021	<0.027	<0.026	<0.027	<0.028	<0.028	
Acetone	67-64-1	500	<0.029	0.12 S,	0.081 S,	<0.029	<0.025	<0.023	<0.027	0.049 S, J	<0.021	0.049 S, J	0.027 S, J	<0.027	<0.028	U,U	
Acrylonitrile	107-13-1	NL	<0.012	<0.011	<0.012	<0.011	<0.01	<0.0091	<0.011	<0.011	<0.0083	<0.011	<0.01	<0.011	<0.011	<0.011	
Benzene	71-43-2	44	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0054	<0.0057	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Bromobenzene	108-86-1	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Bromochloromethane	74-97-5	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Bromodichloromethane	75-27-4	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Bromoform	75-25-2	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Bromomethane	74-83-9	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Carbon Disulfide	75-15-0	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Carbon tetrachloride	56-23-5	22	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Chlorobenzene	108-90-7	500	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Chloroethane	75-00-3	NL	<0.0058	<0.0055 U,U	<0.0059 U,U	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Chloroform	67-66-3	350	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Chloromethane	74-87-3	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
cis-1,2-Dichloroethene	156-59-2	500	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
cis-1,3-Dichloropropene	10061-01-5	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Dibromochloromethane	124-48-1	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Dibromomethane	74-95-3	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Dichlorodifluoromethane	75-71-8	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	U,U	
Ethylbenzene	100-41-4	390	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Hexachlorobutadiene	87-68-3	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	U,U	
Isopropylbenzene	98-82-8	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
m&p-Xylene	179601-23-1	NL	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	<0.0055	
Methyl Ethyl Ketone	78-93-3	500	<0.029	<0.028 U,U	<0.029 U,U	<0.029	<0.025	<0.023	<0.027	<0.029	<0.021	<0.027	<0.026	<0.027	<0.028	<0.028	
Methyl t-butyl ether (MTBE)	1634-04-4	500	<0.012	<0.011	<0.012	<0.011	<0.01	<0.0091	<0.011	<0.011	<0.0083	<0.011	<0.01	<0.011	<0.011	<0.011 U,U	
Methylene chloride	75-09-2	500	<0.012	<0.011	<0.012	<0.011	<0.01	<0.0091	<0.011	<0.011	<0.0083	<0.011	<0.01	<0.011	<0.011	<0.011	
Naphthalene	91-20-3	500	<0.0058	<0.0055	<0.0059	<0.0057	<0.005	<0.0045	<0.0054	<0.0057	<0.0041	<0.0055	<0.0052	<0.0054	<0.0056	U,U	

Table 1 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - Volatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	SB-6/MW-6	SB-7/MW-7	SB-7/MW-7	SB-7/MW-7	SB-8/MW-8	SB-8/MW-8	SB-8/MW-8	DUPE 2	SB-9/MW-9	SB-9/MW-9	SB-9/MW-9	SB-10/MW-10	SB-10/MW-10	SB-10/MW-10
Laboratory Samples ID			CR47006	CR47008	CR47009	CR47010	CR48033	CR48035	CR48036	CR48034	CR48042	CR48042	CR48044	CR48045	CR48046	CR48047
Sample Depth (ft bgs)			14.5-15'	7-8'	11-12'	14.5-15'	8-9'	10-11'	14-15'		8-9'	12-13'	13.5-15'	7-8'	15-16.5'	19-20'
Sample Date			45526	45526	45526	45526	45526	45891	45526	45526	45526	8/23/2024	8/23/2024	8/23/2024	8/23/2024	8/23/2024
Volatile organic compounds		CAS														
1,1,1,2-Tetrachloroethane	630-20-6	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
1,1,1-Trichloroethane	71-55-6	500	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
1,1,2,2-Tetrachloroethane	79-34-5	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,1,2-Trichloroethane	79-00-5	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
1,1-Dichloroethane	75-34-3	240	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
1,1-Dichloroethene	75-35-4	500	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
1,1-Dichloropropene	563-58-6	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
1,2,3-Trichlorobenzene	87-61-6	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049 U,UJ	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,2,3-Trichloropropane	96-18-4	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,2,4-Trichlorobenzene	120-82-1	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049 U,UJ	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,2,4-Trimethylbenzene	95-63-6	190	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,2-Dibromo-3-chloropropane	96-12-8	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,2-Dibromoethane	106-93-4	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
1,2-Dichlorobenzene	95-50-1	500	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049 U,UJ	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,2-Dichloroethane	107-06-2	30	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
1,2-Dichloropropane	78-87-5	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
1,3,5-Trimethylbenzene	108-67-8	190	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,3-Dichlorobenzene	541-73-1	280	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049 U,UJ	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
1,3-Dichloropropane	142-28-9	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
1,4-Dichlorobenzene	106-46-7	130	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049 U,UJ	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
2,2-Dichloropropane	594-20-7	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
2-Chlorotoluene	95-49-8	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
2-Hexanone	591-78-6	NL	<0.024	<0.026	<0.025	<0.022	<0.035	<0.03	0.025 U,UJ	<0.024	<0.027	<0.023	<0.028	<0.029 U,J	<0.027	<0.028
2-Isopropyltoluene	527-84-4	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
4-Chlorotoluene	106-43-4	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049 U,UJ	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
4-Methyl-2-pentanone	108-10-1	NL	<0.024	<0.026	<0.025	<0.022	<0.035	<0.03	<0.025	<0.024	<0.027	<0.023	<0.028	<0.029 U,J	<0.027	<0.028
Acetone	67-64-1	500	<0.024	<0.026	<0.025	<0.022	0.045 S,J	<0.03	<0.025	0.06 S,J	<0.027 U,J	<0.023 U,J	0.032 S,J	0.048 S,J	<0.027 U,J	<0.028 U,J
Acrylonitrile	107-13-1	NL	<0.0096	<0.01	<0.01	<0.0086	<0.014	<0.012	<0.0099	<0.0098	<0.011	<0.0094	<0.011	<0.012	<0.011	<0.011
Benzene	71-43-2	44	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
Bromobenzene	108-86-1	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049 U,UJ	<0.0049	<0.0054	<0.0047	<0.0056	<0.34	<0.0055	<0.0056
Bromochloromethane	74-97-5	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
Bromodichloromethane	75-27-4	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
Bromoform	75-25-2	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.0055	<0.0056
Bromomethane	74-83-9	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
Carbon Disulfide	75-15-0	NL	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
Carbon tetrachloride	56-23-5	22	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058	<0.0055	<0.0056
Chlorobenzene	108-90-7	500	<0.0048	<0.0052	<0.0051	<0.0043	<0.007	<0.0059	<0.0049	<0.0049	<0.0054	<0.0047	<0.0056	<0.0058 U,J	<0.	

Table 1 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - Volatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	DUP-3	SB-11/MW-11	SB-11/MW-11	SB-11/MW-11	SB-12/MW-12	SB-12/MW-12	SB-12/MW-12	SB-12/MW-12	SB-13/MW-13	SB-13/MW-13	SB-13/MW-13	DUP-4	SB-14/MW-14	SB-14/MW-14	SB-14/MW-14
Laboratory Samples ID			CR48048	CR50329	CR50330	CR50331	CR50332	CR50333	CR50334	CR50335	CR50336	CR50337	CR50338	CR50339	CR50340	CR50341	
Sample Depth (ft bgs)			8-9 FT	8-9 FT	11-12 FT	8-9 FT	6-7'	9-10'	13.5-15 FT	8-9 FT	11-12 FT	14-15 FT	8-9 FT	7-8'	9-10'	14-15'	
Sample Date			8/23/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024
Volatile organic compounds			CAS														
1,1,1,2-Tetrachloroethane	630-20-6	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,1,1-Trichloroethane	71-55-6	500	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,1,1,2,2-Tetrachloroethane	79-34-5	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,1,2-Trichloroethane	79-00-5	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,1-Dichloroethane	75-34-3	240	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,1-Dichloroethene	75-35-4	500	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,1-Dichloropropene	563-58-6	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,2,3-Trichlorobenzene	87-61-6	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,2,3-Trichloropropane	96-18-4	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,2,4-Trichlorobenzene	120-82-1	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,2,4-Trimethylbenzene	95-63-6	190	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,2-Dibromo-3-chloropropane	96-12-8	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,2-Dibromoethane	106-93-4	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,2-Dichlorobenzene	95-50-1	500	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,2-Dichloroethane	107-06-2	30	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,2-Dichloropropane	78-87-5	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,3,5-Trimethylbenzene	108-67-8	190	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,3-Dichlorobenzene	541-73-1	280	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
1,3-Dichloropropane	142-28-9	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
1,4-Dichlorobenzene	106-46-7	130	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
2,2-Dichloropropane	594-20-7	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
2-Chlorotoluene	95-49-8	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
2-Hexanone	591-78-6	NL	<0.016	<3.1	<0.025	<0.027	<0.027	<0.027	<0.029	<0.028	<0.026	<0.026	<0.03	<0.029	<0.025	<0.027	
2-Isopropyltoluene	527-84-4	NL	<0.0033	0.250	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
4-Chlorotoluene	106-43-4	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
4-Methyl-2-pentanone	108-10-1	NL	<0.016	<3.1	<0.025	<0.027	<0.027	<0.027	<0.029	<0.028	<0.026	<0.026	<0.03	<0.029	<0.025	<0.027	
Acetone	67-64-1	500	<0.016 U,J	<3.1	0.04	<0.027	0.11	<0.027	<0.029 U,U	0.035 S,J	<0.026	0.034 S,J	0.16 S,J	<0.029	<0.025	<0.027	
Acrylonitrile	107-13-1	NL	<0.0066	<1.2	<0.01	<0.011	<0.011	<0.011	<0.012	<0.011	<0.011	<0.011	<0.012	<0.011	<0.01	<0.011	
Benzene	71-43-2	44	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Bromobenzene	108-86-1	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.37 U,U	<0.0057	<0.005	<0.0054	
Bromochloromethane	74-97-5	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Bromodichloromethane	75-27-4	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Bromoform	75-25-2	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Bromomethane	74-83-9	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Carbon Disulfide	75-15-0	NL	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Carbon tetrachloride	56-23-5	22	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Chlorobenzene	108-90-7	500	<0.0033	<0.61	<0.0051	<0.0053	<0.0054	<0.0055	<0.0058	<0.0056	<0.0053	<0.0051	<0.0059	<0.0057	<0.005	<0.0054	
Chloroethane																	

Table 2 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - Semivolatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	SB-1/MW-1	SB-2/MW-2	DUPE	SB-3/MW-3	SB-3/MW-3	SB-3/MW-3	SB-4/MW-4	SB-4/MW-4	SB-4/MW-4	SB-5/MW-5	SB-5/MW-5	SB-5/MW-5	SB-6/MW-6	SB-6/MW-6	
Laboratory Samples ID			CR45185	CR45186	CR45187	CR46088	CR46089	CR46090	CR46092	CR46093	CR46094	CR46095	CR46096	CR46097	CR47004	CR47005	
Sample Depth (ft bgs)			6-7'	6.5-8'		9.5-11'	14-15'	18-20'	7-8'	10-11.5'	14-15'	6.5-8'	9-10'	14-15'	6-7.5'	10-11'	
Sample Date			8/20/2024	8/20/2024	8/20/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/22/2024	8/22/2024	
Semivolatile organic compounds	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,2,4,5-Tetrachlorobenzene	95-94-3	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
1,2,4-Trichlorobenzene	120-82-1	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
1,2-Dichlorobenzene	95-50-1	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
1,2-Diphenylhydrazine	122-66-7	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
1,3-Dichlorobenzene	541-73-1	280	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
1,4-Dichlorobenzene	106-46-7	130	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2,2'-Oxybis(1-Chloropropane)	108-60-1	NL	<0.27 U,U	<0.26 U,U	<0.27 U,U	<0.3 U,U	<0.3 U,U	<0.27 U,U	<0.28 U,U	<0.31 U,U	<0.26 U,U	<0.27 U,U	<0.28 U,U	<0.27 U,U	<0.27 U,U	<0.28	
2,4,5-Trichlorophenol	95-95-4	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2,4,6-Trichlorophenol	88-06-2	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2,4-Dichlorophenol	120-83-2	NL	<0.27 U,U	<0.26 U,U	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2,4-Dimethylphenol	105-67-9	NL	<0.27	<0.26	<0.27 U,U	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2,4-Dinitrophenol	51-28-5	NL	<0.39	<0.37	<0.38	<0.43 U,R	<0.43 U,R	<0.39 U,R	<0.4 U,R	<0.44 U,R	<0.37 U,R	<0.39 U,R	<0.4 U,R	<0.39 U,R	<0.38 U,R	<0.4 U,R	
2,4-Dinitrotoluene	121-14-2	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2,6-Dinitrotoluene	606-20-2	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2-Chloronaphthalene	91-58-7	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2-Chlorophenol	95-57-8	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2-Methylnaphthalene	91-57-6	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2-Methylphenol (o-cresol)	95-48-7	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
2-Nitroaniline	88-74-4	NL	<0.39 U,U	<0.37 U,U	<0.38 U,U	<0.43 U,U	<0.43 U,U	<0.39 U,U	<0.4 U,U	<0.44 U,U	<0.37 U,U	<0.39 U,U	<0.4 U,U	<0.39 U,U	<0.38 U,U	<0.4 U,U	
2-Nitrophenol	88-75-5	NL	<0.27	<0.26	<0.27	<0.3 U,U	<0.3 U,U	<0.27 U,U	<0.28 U,U	<0.31	<0.26 U,U	<0.27 U,U	<0.28 U,U	<0.27 U,U	<0.27 U,U	<0.28	
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
3,3'-Dichlorobenzidine	91-94-1	NL	<0.27 U,U	<0.26 U,U	<0.27 U,U	<0.3 U,U	<0.3 U,U	<0.27 U,U	<0.28 U,U	<0.31 U,U	<0.26 U,U	<0.27 U,U	<0.28 U,U	<0.27 U,U	<0.27 U,U	<0.28 U,U	
3-Nitroaniline	99-09-2	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
4,6-Dinitro-2-methylphenol	534-52-1	NL	<0.39 U,U	<0.37 U,U	<0.38 U,U	<0.43 U,U	<0.43 U,U	<0.39 U,U	<0.4 U,U	<0.44 U,U	<0.37 U,U	<0.39 U,U	<0.4 U,U	<0.39 U,U	<0.38 U,R	<0.4 U,R	
4-Bromophenyl phenyl ether	101-55-3	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
4-Chloro-3-methylphenol	59-50-7	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
4-Chloroaniline	106-47-8	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
4-Chlorophenyl phenyl ether	7005-72-3	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
4-Nitroaniline	100-01-6	NL	<0.63 U,U	<0.59 U,U	<0.61	<0.69	<0.68	<0.62	<0.64	<0.7	<0.59	<0.62	<0.64	<0.62	<0.61	<0.63	
4-Nitrophenol	100-02-7	NL	<0.27 U,U	<0.26 U,U	<0.27 U,U	<0.3 U,U	<0.3 U,U	<0.27 U,U	<0.28 U,U	<0.31 U,U	<0.26 U,U	<0.27 U,U	<0.28 U,U	<0.27 U,U	<0.27	<0.28	
Acenaphthene	83-32-9	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Acenaphthylene	208-96-8	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Acetophenone	98-86-2	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Aniline	62-53-3	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
Anthracene	120-12-7	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Benz(a)anthracene	56-55-3	5.6	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Benztidine	92-87-5	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Benzo(a)pyrene	50-32-8	1	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Benzo(b)fluoranthene	205-99-2	5.6	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Benzo(ghi)perylene	191-24-2	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Benzo(k)fluoranthene	207-08-9	56	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Benzoic acid	65-85-0	NL	<0.78	<0.74	<0.77	<0.86 U,U	<0.86 U,U	<0.77 U,U	<0.8 U,U	<0.87 U,U	<0.74 U,U	<0.77 U,U	<0.8 U,U	<0.78 U,U	<0.76 U,U	<0.79	
Benzyl butyl phthalate	85-68-7	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Bis(2-chloroethoxy)methane	111-91-1	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Bis(2-chloroethyl)ether	111-44-4	NL	<0.39 U,U	<0.37 U,U	<0.38 U,U	<0.43 U,U	<0.43 U,U	<0.39 U,U	<0.4 U,U	<0.44 U,U	<0.37 U,U	<0.39 U,U	<0.4 U,U	<0.39 U,U	<0.38 U,U	<0.4	
Bis(2-ethylhexyl)phthalate	117-81-7	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
Carbazole	86-74-8	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
Chrysene	218-01-9	56	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Dibenz(a,h)anthracene	53-70-3	0.56	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Dibenzofuran	132-64-9	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Diethyl phthalate	84-66-2	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Dimethylphthalate	131-11-3	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Di-n-butylphthalate	84-74-2	NL	<0.39	<0.37	<0.38	<0.43	<0.43	<0.39	<0.4	<0.44	<0.37	<0.39	<0.4	<0.39	<0.38	<0.4	
Di-n-octylphthalate	117-84-0	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Fluoranthene	206-44-0	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Fluorene	86-73-7	500	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Hexachlorobenzene	118-74-1	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Hexachlorobutadiene	87-68-3	NL	<0.27	<0.26	<0.27	<0.3	<0.3	<0.27	<0.28	<0.31	<0.26	<0.27	<0.28	<0.27	<0.27	<0.28	
Hexachlorocyclopentadiene	77-47-4	NL	<0.27 U,R	<0.26 U,R	<0.27 U,R	<0.3 U,R	<0.3 U,R	<0.27 U,R	<0.28 U,R	<0.31 U,R	<0.26 U,R	<0.27 U,R	<0.28 U,R	<0.27 U,R	<0.27 U,R	<0.28 U,R	
Hexachloroethane	67-72-1	NL	<0.2														

Table 2 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - Semivolatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID Laboratory Samples ID Sample Depth (ft bgs)	Sample Date	NYCRR Part 375 Commercial Use SCOs	SB-6/MW-6	SB-7/MW-7	SB-7/MW-7	SB-7/MW-7	SB-8/MW-8	SB-8/MW-8	SB-8/MW-8	DUPE 2	SB-9/MW-9	SB-9/MW-9	SB-9/MW-9	SB-10/MW-10	SB-10/MW-10	SB-10/MW-10
			CR47006	CR47008	CR47009	CR47010	CR48033	CR48035	CR48036	CR48034	CR48042	CR48042	CR48044	CR48045	CR48046	CR48047
			14.5-15'	7-8'	11-12'	14.5-15'	8-9'	10-11'	14.5-15'		8-9'	12-13'	13.5-15'	7-8'	15-16.5'	19-20'
			8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2025	8/22/2024	8/22/2024	8/23/2024	8/23/2024	8/23/2024	8/23/2024	8/23/2024	8/23/2024
Semivolatile organic compounds	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
1,2,4,5-Tetrachlorobenzene	95-94-3	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
1,2,4-Trichlorobenzene	120-82-1	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
1,2-Dichlorobenzene	95-50-1	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
1,2-Diphenylhydrazine	122-66-7	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
1,3-Dichlorobenzene	541-73-1	280	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
1,4-Dichlorobenzene	106-46-7	130	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2,2'-Oxybis(1-Chloropropane)	108-60-1	NL	<0.28 U,U	<0.26 U,U	<0.28 U,U	<0.26 U,U	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2,4,5-Trichlorophenol	95-95-4	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2,4,6-Trichlorophenol	88-06-2	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2,4-Dichlorophenol	120-83-2	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2,4-Dimethylphenol	105-67-9	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2,4-Dinitrophenol	51-28-5	NL	<0.4	<0.38	<0.4	<0.37	<0.43 U,U	<0.45 U,U	<0.4 U,U	NA	<0.39 U,U	<0.39 U,U	<0.39 U,U	<0.38 U,U	<0.43 U,U	<0.38 U,U
2,4-Dinitrotoluene	121-14-2	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2,6-Dinitrotoluene	606-20-2	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2-Chloronaphthalene	91-58-7	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2-Chlorophenol	95-57-8	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2-Methylnaphthalene	91-57-6	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2-Methylphenol (o-cresol)	95-48-7	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
2-Nitroaniline	88-74-4	NL	<0.4	<0.38 U,U	<0.4 U,U	<0.37 U,U	<0.43 U,U	<0.45 U,U	<0.4 U,U	NA	<0.39 U,U	<0.39 U,U	<0.39 U,U	<0.38 U,U	<0.43 U,U	<0.38 U,U
2-Nitrophenol	88-75-5	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
3&4-Methylphenol (m&p-cresol)	PHNX - M&P	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
3,3'-Dichlorobenzidine	91-94-1	NL	<0.28	<0.26 U,U	<0.28 U,U	<0.26 U,U	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
3-Nitroaniline	99-09-2	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
4,6-Dinitro-2-methylphenol	534-52-1	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
4-Bromophenyl phenyl ether	101-55-3	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
4-Chloro-3-methylphenol	59-50-7	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
4-Chloroaniline	106-47-8	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
4-Chlorophenyl phenyl ether	7005-72-3	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
4-Nitroaniline	100-01-6	NL	<0.63	<0.61	<0.64	<0.59	<0.68	<0.72	<0.64	NA	<0.63	<0.63	<0.62	<0.61	<0.68	<0.61
4-Nitrophenol	100-02-7	NL	<0.28	<0.26 U,U	<0.28 U,U	<0.26 U,U	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Acenaphthene	83-32-9	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Acenaphthylene	208-96-8	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Acetophenone	98-86-2	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Aniline	62-53-3	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
Anthracene	120-12-7	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Benz(a)anthracene	56-55-3	5.6	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Benzidine	92-87-5	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Benzo(a)pyrene	50-32-8	1	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Benzo(b)fluoranthene	205-99-2	5.6	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Benzo(ghi)perylene	191-24-2	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Benzo(k)fluoranthene	207-08-9	56	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Benzoic acid	65-85-0	NL	<0.79	<0.76	<0.8	<0.74	<0.85	<0.9	<0.81 U,U	NA	<0.79	<0.79	<0.78	<0.77	<0.85	<0.76
Benzyl butyl phthalate	85-68-7	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Bis(2-chloroethoxy)methane	111-91-1	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Bis(2-chloroethyl)ether	111-44-4	NL	<0.4 U,U	<0.38 U,U	<0.4 U,U	<0.37 U,U	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
Bis(2-ethylhexyl)phthalate	117-81-7	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
Carbazole	86-74-8	NL	<0.4	<0.38	<0.4	<0.37	<0.43	<0.45	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
Chrysene	218-01-9	56	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Dibenz(a,h)anthracene	53-70-3	0.56	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Dibenzofuran	132-64-9	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Diethyl phthalate	84-66-2	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Dimethylphthalate	131-11-3	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Di-n-butylphthalate	84-74-2	NL	<0.4	<0.38	<0.4	<0.37	<0.43 U,U	<0.45 U,U	<0.4	NA	<0.39	<0.39	<0.39	<0.38	<0.43	<0.38
Di-n-octylphthalate	117-84-0	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28 U,U	NA	<0.28 U,U	<0.28 U,U	<0.27 U,U	<0.27 U,U	<0.3 U,U	<0.27 U,U
Fluoranthene	206-44-0	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Fluorene	86-73-7	500	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Hexachlorobenzene	118-74-1	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Hexachlorobutadiene	87-68-3	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Hexachlorocyclopentadiene	77-47-4	NL	<0.28 U,R	<0.26 U,R	<0.28 U,R	<0.26 U,R	<0.3 U,R	<0.31 U,R	<0.28 U,R	NA	<0.28 U,R	<0.28 U,R	<0.27 U,R	<0.27 U,R	<0.3 U,R	<0.27 U,R
Hexachloroethane	67-72-1	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28	NA	<0.28	<0.28	<0.27	<0.27	<0.3	<0.27
Isophorone	78-59-1	NL	<0.28	<0.26	<0.28	<0.26	<0.3	<0.31	<0.28							

Table 2 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - Semivolatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	DUP-3	SB-11/MW-11	SB-11/MW-11	SB-11/MW-11	SB-12/MW-12	SB-12/MW-12	SB-12/MW-12	SB-13/MW-13	SB-13/MW-13	SB-13/MW-13	DUP-4	SB-14/MW-14	SB-14/MW-14	SB-14/MW-14		
Laboratory Samples ID			CR48048	CR50329	CR50330	CR50331	CR50332	CR50333	CR50334	CR50335	CR50336	CR50337	CR50338	CR50339	CR50340	CR50341		
Sample Depth (ft bgs)			11-12 FT	8-9 FT	11-12 FT	14-15 FT	6-7'	9-10'	13.5-15 FT	8-9 FT	11-12 FT	14-15 FT	7-8'	9-10'	14-15'	14-15'		
Sample Date			8/23/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024		
Semivolatile organic compounds	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
1,2,4,5-Tetrachlorobenzene	95-94-3	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
1,2,4-Trichlorobenzene	120-82-1	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
1,2-Dichlorobenzene	95-50-1	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
1,2-Diphenylhydrazine	122-66-7	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
1,3-Dichlorobenzene	541-73-1	280	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
1,4-Dichlorobenzene	106-46-7	130	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2,2'-Oxybis(1-Chloropropane)	108-60-1	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2,4,5-Trichlorophenol	95-95-4	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2,4,6-Trichlorophenol	88-06-2	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2,4-Dichlorophenol	120-83-2	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2,4-Dimethylphenol	105-67-9	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2,4-Dinitrophenol	51-28-5	NL	NA	<4.1	U,U	<0.42	U,R	<0.4	U,R	<0.44	U,R	<0.41	U,R	<0.4	U,R	<0.39	U,U	
2,4-Dinitrotoluene	121-14-2	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2,6-Dinitrotoluene	606-20-2	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2-Chloronaphthalene	91-58-7	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2-Chlorophenol	95-57-8	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2-Methylnaphthalene	91-57-6	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2-Methylphenol (o-cresol)	95-48-7	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
2-Nitroaniline	88-74-4	NL	NA	<4.1	U,U	<0.42	U,U	<0.4	U,U	<0.44	U,U	<0.41	U,U	<0.4	U,U	<0.39	U,U	
2-Nitrophenol	88-75-5	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
3&4-Methylphenol (m&p-cresol)	PHNX - M&P	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
3,3'-Dichlorobenzidine	91-94-1	NL	NA	<2.8	U,U	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	NA	<0.27	<0.27	<0.27		
3-Nitroaniline	99-09-2	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
4,6-Dinitro-2-methylphenol	534-52-1	NL	NA	<4.1	<0.42	U,U	<0.4	U,U	<0.44	U,U	<0.41	U,U	<0.4	U,U	<0.39	U,U		
4-Bromophenyl phenyl ether	101-55-3	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
4-Chloro-3-methylphenol	59-50-7	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
4-Chloroaniline	106-47-8	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
4-Chlorophenyl phenyl ether	7005-72-3	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
4-Nitroaniline	100-01-6	NL	NA	<6.5	<0.68	<0.65	<0.7	<0.7	<0.67	<0.65	<0.66	<0.64	NA	<0.62	<0.62	<0.62		
4-Nitrophenol	100-02-7	NL	NA	<2.8	U,U	<0.3	U,U	<0.3	U,U	<0.31	U,U	<0.29	U,U	<0.28	U,U	<0.27	<0.27	
Acenaphthene	83-32-9	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Acenaphthylene	208-96-8	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Acetophenone	98-86-2	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Aniline	62-53-3	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
Anthracene	120-12-7	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Benz(a)anthracene	56-55-3	5.6	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Benztidine	92-87-5	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Benzo(a)pyrene	50-32-8	1	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Benzo(b)fluoranthene	205-99-2	5.6	NA	<2.8	<0.3	<0.28	0.32	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Benzo(ghi)perylene	191-24-2	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Benzo(k)fluoranthene	207-08-9	56	NA	<2.8	<0.3	<0.28	0.320	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Benzoic acid	65-85-0	NL	NA	<8.1	<0.85	<0.81	<0.87	<0.87	<0.84	<0.81	<0.83	<0.8	NA	<0.78	<0.78	<0.78		
Benzyl butyl phthalate	85-68-7	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Bis(2-chloroethoxy)methane	111-91-1	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Bis(2-chloroethyl)ether	111-44-4	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
Bis(2-ethylhexyl)phthalate	117-81-7	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
Carbazole	86-74-8	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
Chrysene	218-01-9	56	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Dibenz(a,h)anthracene	53-70-3	0.56	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Dibenzofuran	132-64-9	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Diethyl phthalate	84-66-2	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Dimethylphthalate	131-11-3	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Di-n-butylphthalate	84-74-2	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	<0.42	<0.41	<0.42	<0.4	NA	<0.39	<0.39	<0.39		
Di-n-octylphthalate	117-84-0	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	U,U		
Fluoranthene	206-44-0	500	NA	<2.8	<0.3	<0.28	0.390	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Fluorene	86-73-7	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Hexachlorobenzene	118-74-1	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Hexachlorobutadiene	87-68-3	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	U,U	<0.27	<0.27	<0.27		
Hexachlorocyclopentadiene	77-47-4	NL	NA	<2.8	<0.3	U,U	<0.28	U,U	<0.3	U,U	<0.29	U,U	<0.28	NA	<0.27	U,U	<0.27	U,R
Hexachloroethane	67-72-1	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Isophorone	78-59-1	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Naphthalene	91-20-3	500	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
Nitrobenzene	98-95-3	NL	NA	<2.8	<0.3	<0.28	<0.3	<0.31	<0.29	<0.28	<0.29	<0.28	NA	<0.27	<0.27	<0.27		
N-Nitrosodimethylamine	62-75-9	NL	NA	<4.1	<0.42	<0.4	<0.44	<0.44	&									

Table 3 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - PCBs, Metals, and Pesticides
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	SB-1/MW-1	SB-2/MW-2	DUPE	SB-3/MW-3	SB-3/MW-3	SB-3/MW-3	SB-4/MW-4	SB-4/MW-4	SB-4/MW-4	SB-5/MW-5	SB-5/MW-5	SB-5/MW-5	SB-6/MW-6	SB-6/MW-6
Laboratory Samples ID			CR45185	CR45186	CR45187	CR46088	CR46089	CR46090	CR46092	CR46093	CR46094	CR46095	CR46096	CR46097	CR47004	CR47005
Sample Depth (ft bgs)			6-7'	6.5-8'		9.5-11'	14-15'	18-20'	7-8'	10-11.5'	14-15'	6.5-8'	9-10'	14-15'	6-7.5'	10-11'
Sample Date			8/20/2024	8/20/2024		8/20/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/21/2024	8/22/2024
PCBs	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
PCB-1016	12674-11-2	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1221	11104-28-2	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1232	11141-16-5	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1242	53469-21-9	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1248	12672-29-6	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1254	11097-69-1	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1260	11096-82-5	NL	< 0.40	< 0.38	< 0.38 U,U	< 0.65	< 0.64 U,U	< 0.38	< 0.39 U,U	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1262	37324-23-5	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
PCB-1268	11100-14-4	NL	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
Polychlorinated biphenyls	1336-36-3	1	< 0.40	< 0.38	< 0.38	< 0.65	< 0.64	< 0.38	< 0.39	< 0.43	< 0.38	< 0.39	< 0.40	< 0.39	< 0.38	< 0.40
Metals	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Arsenic	7440-38-2	16	1.05	2.66	2.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.89	1.65
Barium	7440-39-3	400	11.5	27.1	24.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.8 J+	13
Cadmium	7440-43-9	9.3	< 0.35	< 0.41	< 0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.38	< 0.41
Chromium	7440-47-3	1,500	5.6	7.04	7.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.63 J	5.97
Lead	7439-92-1	1,000	2.52	19.2 J	60.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.72 R	2.51 J
Mercury	7439-97-6	2.8	< 0.03	< 0.03	< 0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.03	< 0.03
Selenium	7782-49-2	1,500	< 1.4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.5	< 1.7
Silver	7440-22-4	1,500	< 0.35	< 0.41	< 0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.38	< 0.41
Pesticides	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
4,4' -DDD	72-54-8	92	<0.0024	0.035 J	0.039 J	<0.0039 U,U	<0.0038 U,U	<0.0023 U,U	0.0041	0.0041	<0.0023	<0.0023	<0.0024	<0.0024	<0.0023	<0.0024
4,4' -DDE	72-55-9	62	<0.0024	0.027 J	0.026 J	0.018 J	<0.0038	<0.0023	0.007	0.0057	<0.0023	<0.0023	<0.0024	<0.0024	<0.0023	<0.0024
4,4' -DDT	50-29-3	47	<0.0024	<0.0023	0.0037 J	<0.0039	<0.0038	<0.0023	<0.0024	<0.0026	<0.0023	<0.0023	<0.0024	<0.0024	<0.0023	<0.0024
a-BHC	319-84-6	3.4	<0.0079 U,U	<0.0076 U,U	<0.0075 U,U	<0.013	<0.013	<0.0076	<0.0079 U,U	<0.0087 U,U	<0.0076 U,U	<0.0078 U,U	<0.0081 U,U	<0.0078 U,U	<0.0075	<0.0079
a-Chlordane	5103-71-9	24	<0.004	0.016 J	0.027 J	<0.074 J	<0.0064	<0.0038	<0.0039	<0.0043	<0.0038	<0.0039	<0.004	<0.0039	<0.0038	<0.004
Aldrin	309-00-2	0.68	<0.004	<0.0038	<0.0038	<0.0065	<0.0064	<0.0038	<0.0039	<0.0043	<0.0038	<0.0039	<0.004	<0.0039	<0.0038	<0.004
b-BHC	319-85-7	3	<0.0079 U,U	<0.0076 U,U	<0.0075 U,U	<0.013	<0.013	<0.0076	<0.0079 U,U	<0.0087 U,U	<0.0076 U,U	<0.0078 U,U	<0.0081 U,U	<0.0078 U,U	<0.0075	<0.0079
Chlordane	57-74-9	24	<0.04	0.077 J	0.13 J	0.34 J	<0.064	<0.038	<0.039	<0.043	<0.038	<0.039	<0.04	<0.039	<0.038	<0.04
d-BHC	319-86-8	500	<0.0079 U,U	<0.0076 U,U	<0.0075 U,U	<0.013	<0.013	<0.0076	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
Dieldrin	60-57-1	1.4	<0.004	<0.0038	<0.0038	<0.0065	<0.0064	<0.0038	0.010	<0.0043	<0.0038	<0.0039	<0.004	<0.0039	<0.0038	<0.004
Endosulfan I	959-98-8	200	<0.0079	<0.0076 U,U	<0.0075 U,U	<0.013	<0.013	<0.0076	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
Endosulfan II	33213-65-9	200	<0.0079	<0.0076	<0.0075	<0.013	<0.013	<0.0076	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
Endosulfan sulfate	1031-07-8	200	<0.0079 U,U	<0.0076	<0.0075	<0.013	<0.013	<0.0076	<0.0079 U,U	<0.0087 U,U	<0.0076 U,U	<0.0078 U,U	<0.0081 U,U	<0.0078 U,U	<0.0075	<0.0079
Endrin	72-20-8	89	<0.0079 U,U	<0.0076 U,U	<0.0075 U,U	<0.013	<0.013	<0.0076	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
Endrin aldehyde	7421-93-4	NL	<0.0079	<0.0076	<0.0075	<0.013	<0.013	<0.0076	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
Endrin ketone	53494-70-5	NL	<0.0079	<0.0076	<0.0075	<0.013 U,U	<0.013 U,U	<0.0076 U,U	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
g-BHC (lindane)	58-89-9	9.2	<0.0016	<0.0015	<0.0015	<0.0026	<0.0025	<0.0015	<0.0016	<0.0017	<0.0015	<0.0016	<0.0016	<0.0016	<0.0015	<0.0016
g-Chlordane	5103-74-2	14	<0.004	0.016 J	0.022 J	0.053 J	<0.0064	<0.0038	<0.0039	<0.0043	<0.0038	<0.0039	<0.004	<0.0039	<0.0038	<0.004
Heptachlor	76-44-8	15	<0.0079	<0.0076	<0.0075	<0.013	<0.013	<0.0076	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
Heptachlor epoxide	1024-57-3	NL	<0.0079	<0.0076	<0.0075	<0.013	<0.013	<0.0076	<0.0079	<0.0087	<0.0076	<0.0078	<0.0081	<0.0078	<0.0075	<0.0079
Methoxychlor	72-43-5	NL	<0.04	<0.038	<0.038	<0.065	<0.064	<0.038	<0.039	<0.043	<0.038	<0.039	<0.04	<0.039	<0.038	<0.04
Toxaphene	8001-35-2	NL	<0.16	<0.15	<0.15	<0.26	<0.25	<0.15	<0.16	<0.17	<0.15	<0.16	<0.16	<0.16	<0.15	<0.16

NOTES:

Metals values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)
PCBs and Pesticide values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)
" < " - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).
Metals analyzed by USEPA Method 6010/7471
PCBs analyzed by USEPA Method 8082
Pesticides analyzed by USEPA Method 8081
NL indicates Not Listed

NA indicates Not Analyzed
Bold font indicates the concentration exceeds the method detection limit (MDL).

Qualifiers (Qual):

Laboratory: **S** Laboratory solvent, contamination is possible.
DUSR **J** The associated numerical value is the approximate concentration of the analyte in the sample.
J+ The result is an estimated quantity, but the result may bias high.
J- The result is an estimated quantity, but the result may bias low.

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.
R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

Table 3 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - PCBs, Metals, and Pesticides
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	SB-6/MW-6	SB-7/MW-7	SB-7/MW-7	SB-7/MW-7	SB-8/MW-8	SB-8/MW-8	SB-8/MW-8	DUPE 2	SB-9/MW-9	SB-9/MW-9	SB-9/MW-9	SB-10/MW-10	SB-10/MW-10	SB-10/MW-10
Laboratory Samples ID			CR47006	CR47008	CR47009	CR47010	CR48033	CR48035	CR48036	CR48034	CR48042	CR48042	CR48044	CR48045	CR48046	CR48047
Sample Depth (ft bgs)			14.5-15'	7-8'	11-12'	14.5-15'	8-9'	10-11'	14-15'		8-9'	12-13'	13.5-15'	7-8'	15-16.5'	19-20'
Sample Date			8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2025	8/22/2024		8/22/2024	8/23/2024	8/23/2024	8/23/2024	8/23/2024	8/23/2024
PCBs	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
PCB-1016	12674-11-2	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1221	11104-28-2	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1232	11141-16-5	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1242	53469-21-9	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1248	12672-29-6	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1254	11097-69-1	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1260	11096-82-5	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1262	37324-23-5	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
PCB-1268	11100-14-4	NL	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
Polychlorinated biphenyls	1336-36-3	1,000	< 0.40	< 0.38	< 0.39	< 0.37	< 0.43	< 0.44	< 0.40	NA	< 0.39	< 0.40	< 0.40	< 0.39	< 0.42	< 0.38
Metals	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Arsenic	7440-38-2	16	1.18	1.91	< 0.74	2.9	10.4	2.93	2.23	NA	2.04	1.54	< 0.77	3.65	1.17	3.17
Barium	7440-39-3	400	13.1	15.3	11.4	35.7	32.4	28.5	29.2	NA	15.8	19.6	12.7	40.2	17.1	32
Cadmium	7440-43-9	9.3	< 0.39	< 0.36	< 0.37	< 0.39	0.42	< 0.45	< 0.38	NA	< 0.39	< 0.40	< 0.39	< 0.36	< 0.43	< 0.41
Chromium	7440-47-3	1,500	5.15	5.83	5.91	10.3	8.66	5.85	10.1	NA	5.33	6.84	5.07	11.3	7.87	9.19
Lead	7439-92-1	1,000	2.51 J	13.9 J	2.30 J	5.86 J	6.89	2.48	5.65	NA	5.38	2.71	2.13	78.2	3.75	6.11
Mercury	7439-97-6	2.8	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04	< 0.03	NA	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Selenium	7782-49-2	1,500	< 1.5	< 1.5	< 1.5	< 1.6	< 1.6	< 1.8	< 1.5	NA	< 1.5	< 1.6	< 1.5	< 1.4	< 1.7	< 1.6
Silver	7440-22-4	1,500	< 0.39	< 0.36	< 0.37	< 0.39	< 0.41	< 0.45	< 0.38	NA	< 0.39	< 0.40	< 0.39	< 0.36	< 0.43	< 0.41
Pesticides	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
4,4' -DDD	72-54-8	33,000	< 2.4	< 2.3	< 2.4	< 2.2	< 2.6	< 2.6	< 2.4	NA	4.6 J	< 2.4 U,UJ	< 2.4	< 2.4	< 2.5	< 2.3
4,4' -DDE	72-55-9	22,000	< 2.4	< 2.3	< 2.4	< 2.2	< 2.6	< 2.6	< 2.4	NA	18 J	< 2.4	< 2.4	6.9 J	< 2.5	< 2.3
4,4' -DDT	50-29-3	27,000	< 2.4	< 2.3	< 2.4	< 2.2	< 2.6	< 2.6	< 2.4	NA	< 2.3	< 2.4	< 2.4	10 J	< 2.5	< 2.3 U,UJ
a-BHC	319-84-6	1,200	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
a-Chlordane	5103-71-9	8,200	< 4.0	< 3.8	< 3.9	< 3.7	< 4.3	< 4.4	< 4.0	NA	9.2 J	< 4.0	< 4.0	< 3.9	< 4.2	< 3.8
Aldrin	309-00-2	330	< 4.0	< 3.8	< 3.9	< 3.7	< 4.3	< 4.4	< 4.0	NA	< 3.9	< 4.0	< 4.0	< 3.9	< 4.2	< 3.8
b-BHC	319-85-7	1,800	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
Chlordane	57-74-9	8,200	< 40	< 38	< 39	< 37	< 43	< 44	< 40	NA	< 39	< 40	< 40	< 39	< 42	< 38
d-BHC	319-86-8	500,000	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
Dieldrin	60-57-1	480	< 4.0	< 3.8	< 3.9	< 3.7	< 4.3	< 4.4	< 4.0	NA	< 3.9	< 4.0	< 4.0	< 3.9	< 4.2	< 3.8 U,UJ
Endosulfan I	959-98-8	360,000	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5 U,UJ	< 8.7 U,UJ	< 8.1 U,UJ	NA	< 7.7 U,UJ	< 8.0 U,UJ	< 8.0 U,UJ	< 7.9 U,UJ	< 8.4 U,UJ	< 7.7 U,UJ
Endosulfan II	33213-65-9	360,000	< 7.9	< 7.5 U,UJ	< 7.8 U,UJ	< 7.4 U,UJ	< 8.5 U,UJ	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0 U,UJ	< 7.9	< 8.4	< 7.7 U,UJ
Endosulfan sulfate	1031-07-8	360,000	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
Endrin	72-20-8	55,000	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
Endrin aldehyde	7421-93-4	NL	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
Endrin ketone	53494-70-5	NL	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
g-BHC	58-89-9	3,000	< 1.6	< 1.5	< 1.6	< 1.5	< 1.7	< 1.7	< 1.6	NA	< 1.5	< 1.6	< 1.6	< 1.6	< 1.7	< 1.5
g-Chlordane	5103-74-2	14	< 4.0	< 3.8	< 3.9	< 3.7	< 4.3	< 4.4	< 4.0	NA	5.1 J	< 4.0	< 4.0	< 3.9	< 4.2	< 3.8
Heptachlor	76-44-8	5,100	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7 U,UJ
Heptachlor epoxide	1024-57-3	NL	< 7.9	< 7.5	< 7.8	< 7.4	< 8.5	< 8.7	< 8.1	NA	< 7.7	< 8.0	< 8.0	< 7.9	< 8.4	< 7.7
Methoxychlor	72-43-5	NL	< 40	< 38	< 39	< 37	< 43	< 44	< 40	NA	< 39	< 40	< 40	< 39	< 42	< 38 U,UJ
Toxaphene	8001-35-2	NL	< 160	< 150	< 160	< 150	< 170	< 170	< 160	NA	< 150	< 160	< 160	< 160	< 170	< 150

NOTES:

Metals values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)
PCBs and Pesticide values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)
"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).
Metals analyzed by USEPA Method 6010/7471
PCBs analyzed by USEPA Method 8082
Pesticides analyzed by USEPA Method 8081
NL indicates Not Listed

NA indicates Not Analyzed

Bold font indicates the concentration exceeds the method detection limit (MDL).

Qualifiers (Qual):

- Laboratory: S Laboratory solvent, contamination is possible.
- DUSR J The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may bias high.
- J- The result is an estimated quantity, but the result may bias low.

- U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.
- R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

Table 3 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - PCBs, Metals, and Pesticides
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	DUP-3	SB-11/MW-11	SB-11/MW-11	SB-11/MW-11	SB-12/MW-12	SB-12/MW-12	SB-12/MW-12	SB-12/MW-12	SB-13/MW-13	SB-13/MW-13	SB-13/MW-13	DUP-4	SB-14/MW-14	SB-14/MW-14	SB-14/MW-14
Laboratory Samples ID			CR48048	CR50329	CR50330	CR50331	CR50332	CR50333	CR50334	CR50335	CR50336	CR50337	CR50338	CR50339	CR50340	CR50341	
Sample Depth (ft bgs)				8-9 FT	11-12 FT	14-15 FT	6-7'	9-10'	13.5-15 FT	8-9 FT	11-12 FT	14-15 FT		7-8'	9-10'	14-15'	
Sample Date			8/23/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024	8/26/2024
PCBs	CAS	Qual		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
PCB-1016	12674-11-2	NL	NA	< 0.40	< 0.42	U,J	< 0.41	U,J	< 0.43	< 0.44	U,J	< 0.42	U,J	< 0.40	U,J	< 0.39	U,J
PCB-1221	11104-28-2	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39		< 0.39	< 0.39
PCB-1232	11141-16-5	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39		< 0.39	< 0.39
PCB-1242	53469-21-9	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39		< 0.39	< 0.39
PCB-1248	12672-29-6	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39		< 0.39	< 0.39
PCB-1254	11097-69-1	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39		< 0.39	< 0.39
PCB-1260	11096-82-5	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42	U,J	< 0.39	NA	< 0.39	U,J
PCB-1262	37324-23-5	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39	NA	< 0.39	
PCB-1268	11100-14-4	NL	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39	NA	< 0.39	
Polychlorinated biphenyls	1336-36-3	1,000	NA	< 0.40	< 0.42		< 0.41		< 0.43	< 0.44		< 0.42		< 0.39	NA	< 0.39	
Metals	CAS	Qual		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Arsenic	7440-38-2	16	NA	1.24	1.02	< 0.78	5.96	< 0.85	0.99	12.7	< 0.88	0.93	NA	0.92	< 0.79	< 0.72	
Barium	7440-39-3	400	NA	11.8	9.69	12.4	78.9	12.6	15.8	28.3	10.2	13.3	NA	62.2	12.5	7.95	
Cadmium	7440-43-9	9.3	NA	< 0.37	< 0.39	< 0.39	0.53	< 0.43	< 0.40	< 0.40	< 0.44	< 0.36	NA	0.88	< 0.40	< 0.36	
Chromium	7440-47-3	1,500	NA	5.96	8.01	6.08	8.52	5.3	5.23	8.42	5.2	4.88	NA	19.5	5.52	4.8	
Lead	7439-92-1	1,000	NA	2.35	2.26	2.74	204	2.25	2.52	13.6	2.32	2.25	NA	20	2.15	1.94	
Mercury	7439-97-6	2.8	NA	< 0.03	< 0.03	< 0.03	8.89	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	NA	< 0.03	< 0.03	< 0.03	
Selenium	7782-49-2	1,500	NA	< 1.5	< 1.5	< 1.6	< 1.5	< 1.7	< 1.6	< 1.6	< 1.8	< 1.4	NA	< 1.5	< 1.6	< 1.4	
Silver	7440-22-4	1,500	NA	< 0.37	< 0.39	< 0.39	< 0.39	< 0.43	< 0.40	< 0.40	< 0.44	< 0.36	NA	< 0.36	< 0.40	< 0.36	
Pesticides	CAS	Qual		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
4,4' -DDD	72-54-8	33,000	NA	28	J	< 2.5	< 2.5	< 9.0	< 2.6	< 2.5	< 2.4	< 2.5	< 2.4	NA	< 2.3	< 2.3	< 2.3
4,4' -DDE	72-55-9	22,000	NA	< 2.4		< 2.5	< 2.5	< 9.0	< 2.6	< 2.5	< 2.4	< 2.5	< 2.4	NA	5.3	< 2.3	< 2.3
4,4' -DDT	50-29-3	27,000	NA	< 2.4		< 2.5	< 2.5	< 2.6	< 2.6	< 2.5	< 2.4	< 2.5	< 2.4	NA	< 2.3	< 2.3	< 2.3
a-BHC	319-84-6	1,200	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
a-Chlordane	5103-71-9	8,200	NA	< 4.0	< 4.2	< 4.1	< 4.3	< 4.4	< 4.2	< 4.0	< 4.2	< 3.9	NA	< 3.9	< 3.9	< 3.9	
Aldrin	309-00-2	330	NA	< 4.0	< 4.2	< 4.1	< 4.3	< 4.4	< 4.2	< 4.0	< 4.2	< 3.9	NA	< 3.9	< 3.9	< 3.9	
b-BHC	319-85-7	1,800	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
Chlordane	57-74-9	8,200	NA	< 40	< 42	< 41	< 43	< 44	< 42	< 40	< 42	< 39	NA	< 39	< 39	< 39	
d-BHC	319-86-8	500,000	NA	< 8.0	< 8.5	< 8.2	< 8.7	U,J	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7
Dieldrin	60-57-1	480	NA	< 4.0	< 4.2	< 4.1	< 4.3	< 4.4	< 4.2	< 4.0	< 4.2	< 3.9	NA	< 3.9	< 3.9	< 3.9	
Endosulfan I	959-98-8	360,000	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	U,J
Endosulfan II	33213-65-9	360,000	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
Endosulfan sulfate	1031-07-8	360,000	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
Endrin	72-20-8	55,000	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
Endrin aldehyde	7421-93-4	NL	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
Endrin ketone	53494-70-5	NL	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
g-BHC	58-89-9	3,000	NA	< 1.6	< 1.7	< 1.6	< 3.0	< 1.8	< 1.7	< 1.6	< 1.7	< 1.6	NA	< 1.6	< 1.6	< 1.5	
g-Chlordane	5103-74-2	14	NA	< 4.0	< 4.2	< 4.1	< 4.3	< 4.4	< 4.2	< 4.0	< 4.2	< 3.9	NA	< 3.9	< 3.9	< 3.9	
Heptachlor	76-44-8	5,100	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
Heptachlor epoxide	1024-57-3	NL	NA	< 8.0	< 8.5	< 8.2	< 8.7	< 8.8	< 8.4	< 7.9	< 8.4	< 7.9	NA	< 7.8	< 7.8	< 7.7	
Methoxychlor	72-43-5	NL	NA	< 40	< 42	< 41	< 43	< 44	< 42	< 40	< 42	< 39	NA	< 39	< 39	< 39	
Toxaphene	8001-35-2	NL	NA	< 160	< 170	< 160	< 170	< 180	< 170	< 160	< 170	< 160	NA	< 160	< 160	< 150	

NOTES:
Metals values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)
PCBs and Pesticide values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)
" < " - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).
Yellow highlight = compound detected above its respective NYCRR Part 375-6.8(b) Commercial Use SCO
Metals analyzed by USEPA Method 6010/7471
PCBs analyzed by USEPA Method 8082
Pesticides analyzed by USEPA Method 8081
NL indicates Not Listed

NA indicates Not Analyzed
Bold font indicates the concentration exceeds the method detection limit (MDL).
Qualifiers (Qual):
Laboratory: **S** Laboratory solvent, contamination is possible.
DUSR **J** The associated numerical value is the approximate concentration of the analyte in the sample.
J+ The result is an estimated quantity, but the result may bias high.
J- The result is an estimated quantity, but the result may bias low.

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.
R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

Table 4 - Newton Plaza Site Characterization Report
Soil Laboratory Analytical Summary - Emergent Contaminants
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	SB-1/MW-1	SB-14/MW-14
Laboratory Samples ID			CR45185	CR50339
Sample Depth (ft bgs)			6-7'	7-8'
Sample Date			8/20/2024	8/26/2024
SVOCs	CAS		Qual	Qual
1,4-Dioxane	123-91-1	130	< 0.078 U,UJ	< 0.077 U,J
PFAS	CAS			
11CI-PF3OUdS	763051-92-9	NL	< 0.895	< 0.890
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	NL	< 0.909	< 0.904
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	NL	< 0.888	< 0.883
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	NL	< 0.900	< 0.895
3:3FTCA	356-02-5	NL	< 1.18	< 1.18
5:3FTCA	914637-49-3	NL	< 5.92	< 5.89
7:3FTCA	812-70-4	NL	< 5.92	< 5.89
9CI-PF3ONS	756426-58-1	NL	< 0.886	< 0.881
ADONA	919005-14-4	NL	< 0.895	< 0.890
HFPO-DA	13252-13-6	NL	< 0.947	< 0.942
NEtFOSA	4151-50-2	NL	< 0.237	< 0.236
NEtFOSAA	2991-50-6	NL	< 0.237	< 0.236
NEtFOSE	1691-99-2	NL	< 2.37	< 2.36
NFDHA	151772-58-6	NL	< 0.474	< 0.471
NMeFOSA	31506-32-8	NL	< 0.237	< 0.236
NMeFOSAA	2355-31-9	NL	< 0.237	< 0.236
NMeFOSE	24448-09-7	NL	< 2.37	< 2.36
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	NL	< 0.229	< 0.227
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	NL	< 0.237	< 0.236
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	NL	< 0.237	< 0.236
Perfluorobutanesulfonic acid (PFBS)	375-73-5	NL	< 0.210	< 0.208
Perfluorodecanoic acid (PFDA)	335-76-2	NL	< 0.237	< 0.236
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	NL	< 0.230	< 0.228
Perfluorododecanoic acid (PFDoA)	307-55-1	NL	< 0.237	< 0.236
Perfluoroheptanoic acid (PFHpA)	375-85-9	NL	< 0.237	< 0.236
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NL	< 0.217	< 0.215
Perfluorohexanoic acid (PFHxA)	307-24-4	NL	< 0.237	< 0.236
Perfluoro-n-butanoic acid (PFBA)	375-22-4	NL	< 0.947	< 0.942
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NL	< 0.227	< 0.226
Perfluorononanoic acid (PFNA)	375-95-1	NL	< 0.237	< 0.236
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	440	< 0.220	< 0.219
Perfluorooctanoic acid (PFOA)	335-67-1	500	< 0.237	< 0.236
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NL	< 0.223	< 0.221
Perfluoropentanoic acid (PFPeA)	2706-90-3	NL	< 0.474	< 0.471
Perfluorotetradecanoic acid (PFTA)	376-06-7	NL	< 0.237	< 0.236
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	NL	< 0.237	< 0.236
Perfluoroundecanoic acid (PFUnA)	2058-94-8	NL	< 0.237	< 0.236
PFEESA	113507-82-7	NL	< 0.422	< 0.419
PFMBA	863090-89-5	NL	< 0.474	< 0.471
PFMPA	377-73-1	NL	< 0.474	< 0.471

NOTES:

1,4 - Dioxane values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)

PFAS values displayed in nanograms per grams (ng/g) or parts per billion (ppb)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

PFAS (40) analyzed by USEPA 1633 Draft 3

SVOCs analyzed by USEPA Method 8270E (SIM)

NL indicates Not Listed

Qualifiers (Qual): DUSR Lab

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.

UJ Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise.

Table 5 - Newton Plaza Site Characterization Report
Groundwater Laboratory Analytical Summary - Volatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID Laboratory Samples ID	Sample Date	NYSDEC TOGS 1.1.1 AWQSGV	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
			CR82666	CR82667	CR82668	CR82669	CR82670	CR82671	CR81264	CR81261	CR81265
			10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/7/2024	10/7/2024	10/7/2024
Volatile organic compounds	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
1,1,1,2-Tetrachloroethane	630-20-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	71-55-6	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	79-34-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	79-00-5	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	75-34-3	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	75-35-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	563-58-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	87-61-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	96-18-4	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	120-82-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	95-63-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	96-12-8	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	106-93-4	6X10 ⁻⁴	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	95-50-1	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	107-06-2	1	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60
1,2-Dichloropropane	78-87-5	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	108-67-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	541-73-1	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	142-28-9	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	106-46-7	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	594-20-7	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	95-49-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Hexanone	591-78-6	50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
2-Isopropyltoluene	527-84-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	106-43-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Methyl-2-pentanone	108-10-1	NL	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Acetone	67-64-1	50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acrolein	107-02-8	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R
Acrylonitrile	107-13-1	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	71-43-2	1	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70
Bromobenzene	108-86-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	74-97-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	75-27-4	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	75-25-2	50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R
Bromomethane	74-83-9	5	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,J
Carbon Disulfide	75-15-0	60	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon tetrachloride	56-23-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	108-90-7	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	75-00-3	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	67-66-3	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloromethane	74-87-3	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	156-59-2	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	10061-01-5	0,4*	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Dibromochloromethane	124-48-1	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	74-95-3	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	75-71-8	5	< 1.0 U,U	< 1.0 U,U	< 1.0 U,U	< 1.0 U,U	< 1.0 U,U	< 1.0 U,U	< 1.0 U,U	< 1.0	< 1.0
Ethylbenzene	100-41-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	87-68-3	1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	98-82-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m&p-Xylene	179601-23-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl ethyl ketone	78-93-3	50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5 U,U	< 2.5 U,U	< 2.5 U,J
Methyl t-butyl ether (MTBE)	1634-04-4	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	75-09-2	5	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Naphthalene	91-20-3	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Butylbenzene	104-51-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	103-65-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	95-47-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	99-87-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	135-98-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	100-42-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	98-06-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	127-18-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran (THF)	109-99-9	50	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R
Toluene	108-88-3	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	156-60-5	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	10061-02-6	0,4*	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
trans-1,4-dichloro-2-butene	110-57-6	5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5 U,R	< 2.5 U,R	< 2.5 U,R
Trichloroethene	79-01-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	75-69-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorotrifluoroethane	76-13-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	75-01-4	2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

NOTES:

All values displayed in micrograms per liter (µg/l) or parts per billion (ppb)

*< Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

VOCs analyzed by USEPA Method 8260

Qualifiers (Qual):

Laboratory: S =Laboratory solvent, contamination is possible. "J" indicates an estimated value

DUSR: J = The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may bias high.

J- The result is an estimated quantity, but the result may bias low.

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.

R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

U Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise.

Table 5 - Newton Plaza Site Characterization Report
Groundwater Laboratory Analytical Summary - Volatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID	NYSDEC TOGS 1.1.1	MW-10	MW-11	MW-12	MW-13	MW-14	MS/MSD	DUPE	TRANSPORT BLANK	TRIP BLANK
Laboratory Samples ID	AWQSGV	CR81266	CR81263	CR81262	CR81267	CR82672	CR82673	CR82674	CR81268	CR82843
Sample Date		10/7/2024	10/7/2024	10/7/2024	10/7/2024	10/8/2024	10/8/2024	10/8/2024	10/7/2024	10/8/2024
Volatile organic compounds	CAS	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
1,1,1,2-Tetrachloroethane	630-20-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	71-55-6	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	79-34-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	79-00-5	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	75-34-3	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	75-35-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	563-58-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	87-61-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	96-18-4	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	120-82-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	95-63-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	96-12-8	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	106-93-4	6X10 ⁻⁴	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	95-50-1	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	107-06-2	1	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60
1,2-Dichloropropane	78-87-5	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	108-67-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	541-73-1	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	142-28-9	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	106-46-7	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	594-20-7	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	95-49-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Hexanone	591-78-6	50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
2-Isopropyltoluene	527-84-4	5	< 1.0	0.26 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	106-43-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Methyl-2-pentanone	108-10-1	NL	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Acetone	67-64-1	50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acrolein	107-02-8	5	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R	< 5.0	< 5.0	< 5.0 U,R	< 5.0
Acrylonitrile	107-13-1	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	71-43-2	1	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70
Bromobenzene	108-86-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	74-97-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	75-27-4	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	75-25-2	50	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R	< 5.0	< 5.0	< 5.0 U,R	< 5.0
Bromomethane	74-83-9	5	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U	< 5.0 U,U
Carbon Disulfide	75-15-0	60	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon tetrachloride	56-23-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	108-90-7	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	75-00-3	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	67-66-3	7	< 5.0	< 5.0	< 5.0	< 5.0	0.27 J	< 5.0	< 5.0	< 5.0
Chloromethane	74-87-3	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	156-59-2	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	10061-01-5	0.4*	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Dibromochloromethane	124-48-1	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	74-95-3	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	75-71-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 U,U	< 1.0 U,U	< 1.0 U,U	< 1.0 U,U
Ethylbenzene	100-41-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	87-68-3	1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	98-82-8	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m&p-Xylene	179601-23-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl ethyl ketone	78-93-3	50	< 2.5 U,U	< 2.5 U,U	< 2.5 U,U	< 2.5 U,U	< 2.5	< 2.5	< 2.5 U,U	< 2.5
Methyl t-butyl ether (MTBE)	1634-04-4	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	75-09-2	5	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Naphthalene	91-20-3	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Butylbenzene	104-51-8	5	< 1.0	0.35 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	103-65-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	95-47-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	99-87-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	135-98-8	5	< 1.0	0.82 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	100-42-5	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	98-06-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	127-18-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran (THF)	109-99-9	50	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R	< 5.0 U,R	< 5.0 U,U	< 5.0 U,U	< 5.0 U,R	< 5.0 U,U
Toluene	108-88-3	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	156-60-5	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	10061-02-6	0.4*	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
trans-1,4-dichloro-2-butene	110-57-6	5	< 2.5 U,R	< 2.5 U,R	< 2.5 U,R	< 2.5 U,R	< 2.5	< 2.5	< 2.5 U,R	< 2.5
Trichloroethene	79-01-6	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	75-69-4	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorotrifluoroethane	76-13-1	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	75-01-4	2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

NOTES:

All values displayed in micrograms per liter (µg/l) or parts per billion (ppb)

"<" Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

VOCs analyzed by USEPA Method 8260

Qualifiers (Qual):

Laboratory: S =Laboratory solvent, contamination is possible. "J" indicates an estimated value

DU5R: J = The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may bias high.

J- The result is an estimated quantity, but the result may bias low.

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.

R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

U Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise.

Table 6 - Newton Plaza Site Characterization Report
Groundwater Laboratory Analytical Summary - Semivolatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID		NYSDEC TOGS 1.1.1 AWQSGV	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
Laboratory Samples ID			CR82666	CR82667	CR82668	CR82669	CR82670	CR82671	CR81264	CR81261	CR81265
Sample Date			10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/7/2024	10/7/2024
Semivolatile organic compounds	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Acenaphthylene	208-96-8	NL	< 0.52	< 0.48	< 0.47	< 0.49	< 0.48	< 0.48	< 0.48	< 0.52	< 0.49
Benz(a)anthracene	56-55-3	0.002	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.04
Benzo(a)pyrene	50-32-8	ND	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.04
Benzo(b)fluoranthene	205-99-2	0.002	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.03
Benzo(ghi)perylene	191-24-2	NL	< 0.52	< 0.48	< 0.47	< 0.49	< 0.48	< 0.48	< 0.48	< 0.52	< 0.49
Benzo(k)fluoranthene	207-08-9	0.002	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.03
Chrysene	218-01-9	0.002	< 0.02	< 0.02	< 0.02	< 0.02	0.02	< 0.02	< 0.02	< 0.02	0.03
Dibenz(a,h)anthracene	53-70-3	NL	< 0.52	< 0.48	< 0.47	< 0.49	< 0.48	< 0.48	< 0.48	< 0.52	< 0.49
Hexachlorobenzene	118-74-1	0.040	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Hexachlorobutadiene	87-68-3	0.5	< 0.52	< 0.48	< 0.47	< 0.49	< 0.48	< 0.48	< 0.48	< 0.52	< 0.49
Hexachlorocyclopentadiene	77-47-4	5	< 0.52	U,R	< 0.48	U,R	< 0.47	U,R	< 0.48	U,R	< 0.49
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.04
Nitrobenzene	98-95-3	0.400	< 0.42	< 0.38	< 0.38	< 0.39	< 0.38	< 0.38	< 0.38	< 0.42	< 0.39
N-Nitrosodimethylamine	62-75-9	NL	< 0.10	< 0.10	< 0.09	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	U,U
Pentachlorophenol	87-86-5	1	< 0.52	U,U	< 0.48	U,U	< 0.49	U,U	< 0.48	U,U	< 0.49
Phenanthrene	85-01-8	50	< 0.52	< 0.48	< 0.47	< 0.49	< 0.48	< 0.48	< 0.48	U,U	< 0.49
1,2,4,5-Tetrachlorobenzene	95-94-3	5	< 3.6	< 3.4	< 3.3	< 3.4	< 3.3	< 3.4	< 3.3	< 3.6	< 3.4
1,2,4-Trichlorobenzene	120-82-1	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
1,2-Dichlorobenzene	95-50-1	3	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
1,2-Diphenylhydrazine	122-66-7	ND	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	U,U	< 4.9
1,3-Dichlorobenzene	541-73-1	3	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
1,4-Dichlorobenzene	106-46-7	3	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	U,R	< 4.9
2,4,5-Trichlorophenol	95-95-4	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
2,4,6-Trichlorophenol	88-06-2	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
2,4-Dichlorophenol	120-83-2	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
2,4-Dimethylphenol	105-67-9	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
2,4-Dinitrophenol	51-28-5	1	< 1.0	U,U	< 0.96	U,U	< 0.94	U,U	< 0.95	U,U	< 0.98
2,4-Dinitrotoluene	121-14-2	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
2,6-Dinitrotoluene	606-20-2	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
2-Chloronaphthalene	91-58-7	10	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
2-Chlorophenol	95-57-8	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
2-Methylnaphthalene	91-57-6	NL	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	U,U	< 4.9
2-Methylphenol (o-cresol)	95-48-7	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
2-Nitroaniline	88-74-4	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
2-Nitrophenol	88-75-5	NL	< 1.0	U,U	< 0.96	U,U	< 0.94	U,U	< 0.95	U,R	< 0.98
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
3,3'-Dichlorobenzidine	91-94-1	5	< 5.2	U,U	< 4.8	U,U	< 4.7	U,U	< 4.8	U,R	< 4.9
3-Nitroaniline	99-09-2	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
4,6-Dinitro-2-methylphenol	534-52-1	1	< 1.0	U,U	< 0.96	U,U	< 0.94	U,U	< 0.95	U,U	< 0.98
4-Bromophenyl phenyl ether	101-55-3	NL	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
4-Chloro-3-methylphenol	59-50-7	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
4-Chloroaniline	106-47-8	5	< 3.6	U,U	< 3.4	U,U	< 3.3	U,U	< 3.4	U,R	< 3.4
4-Chlorophenyl phenyl ether	7005-72-3	NL	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
4-Nitroaniline	100-01-6	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
4-Nitrophenol	100-02-7	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	U,R	< 0.98
Acenaphthene	83-32-9	20	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Acetophenone	98-86-2	NL	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Aniline	62-53-3	5	< 3.6	U,U	< 3.4	U,U	< 3.3	U,U	< 3.4	U,U	< 3.4
Anthracene	120-12-7	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Benzidine	92-87-5	5	< 4.7	< 4.3	< 4.2	< 4.4	< 4.3	< 4.3	< 4.3	U,R	< 4.4
Benzoic acid	65-85-0	NL	< 26	< 24	< 24	< 24	< 24	< 24	< 24	U,U	< 25
Benzyl butyl phthalate	85-68-7	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Bis(2-chloroethoxy)methane	111-91-1	5	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Bis(2-chloroethyl)ether	111-44-4	1	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
Bis(2-ethylhexyl)phthalate	117-81-7	5	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
Carbazole	86-74-8	NL	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Dibenzofuran	132-64-9	NL	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Diethyl phthalate	84-66-2	50	< 5.2	1.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Dimethylphthalate	131-11-3	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Di-n-butylphthalate	84-74-2	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Di-n-octylphthalate	117-84-0	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Fluoranthene	206-44-0	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Fluorene	86-73-7	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Hexachloroethane	67-72-1	5	< 1.0	< 0.96	< 0.94	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
Isophorone	78-59-1	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Naphthalene	91-20-3	10	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
N-Nitrosodi-n-propylamine	621-64-7	NL	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
N-Nitrosodiphenylamine	86-30-6	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Pentachloronitrobenzene	82-68-8	ND	< 2.6	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.6	< 2.5
Phenol	108-95-2	1	< 1.0	2.3	3	< 0.97	< 0.95	< 0.96	< 0.95	< 1.0	< 0.98
Pyrene	129-00-0	50	< 5.2	< 4.8	< 4.7	< 4.9	< 4.8	< 4.8	< 4.8	< 5.2	< 4.9
Pyridine	110-86-1	50	< 10	< 9.6	< 9.4	< 9.7	< 9.5	< 9.6	< 9.5	U,R	< 9.8

NOTES:
Qualifiers (Qual):
Laboratory: "S" Laboratory solvent, contamination is possible.
DUSR :
J The associated numerical value is the approximate concentration of the analyte in the sample.
J+ The result is an estimated quantity, but the result may bias high.
J- The result is an estimated quantity, but the result may bias low.
U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.
R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.
UJ Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise.

All values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)
"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).
SVOCs analyzed by USEPA Method 8270
NA indicates Not Analyzed
NL indicates Not Listed

Table 6 - Newton Plaza Site Characterization Report
Groundwater Laboratory Analytical Summary - Semivolatile Organic Compounds
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	MW-10	MW-11	MW-12	MW-13	MW-14	MS/MSD	DUPE	TRANPORT BLANK	TRIP BLANK
Laboratory Samples ID			CR81266	CR81263	CR81262	CR81267	CR82672	CR82673	CR82674	CR81268	CR82843
Sample Date			10/7/2024	10/7/2024	10/7/2024	10/7/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/7/2024
Semivolatile organic compounds	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Acenaphthylene	208-96-8	NL	< 0.48	< 0.50	< 0.50	< 0.48	< 0.48	NA	NA	NA	NA
Benz(a)anthracene	56-55-3	0.002	0.02	< 0.02	< 0.02	< 0.02	< 0.02	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	ND	< 0.02	< 0.02 U,J	< 0.02 U,J	< 0.02	< 0.02	NA	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	0.002	< 0.02	< 0.02	< 0.02	< 0.02	0.02	NA	NA	NA	NA
Benzo(ghi)perylene	191-24-2	NL	< 0.48	< 0.50	< 0.50	< 0.48	< 0.48	NA	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	0.002	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	NA	NA	NA	NA
Chrysene	218-01-9	0.002	< 0.02	< 0.02	< 0.02	< 0.02	0.02	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	NL	< 0.48	< 0.50	< 0.50	< 0.48	< 0.48	NA	NA	NA	NA
Hexachlorobenzene	118-74-1	0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	0.5	< 0.48	< 0.50	< 0.50	< 0.48	< 0.48	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	5	< 0.48 U,R	< 0.50 U,R	< 0.50 U,R	< 0.48 U,R	< 0.48 U,R	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	NA	NA	NA	NA
Nitrobenzene	98-95-3	0.4	< 0.38	< 0.40	< 0.40	< 0.38	< 0.38	NA	NA	NA	NA
N-Nitrosodimethylamine	62-75-9	NL	< 0.10 U,J	< 0.10	< 0.10	< 0.10 U,J	< 0.10	NA	NA	NA	NA
Pentachlorophenol	87-86-5	1	< 0.48 U,J	< 0.50 U,J	< 0.50 U,J	< 0.48 U,J	< 0.48 U,J	NA	NA	NA	NA
Phenanthrene	85-01-8	50	< 0.48	< 0.50	< 0.50	< 0.48	< 0.48	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	95-94-3	5	< 3.4	< 3.5	< 3.5	< 3.4	< 3.3	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	3	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	ND	< 4.8 U,J	< 5.0 U,J	< 5.0 U,J	< 4.8 U,J	< 4.8	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	3	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
2,2'-Oxybis(1-Chloropropane)	108-60-1	5	< 4.8 U,R	< 5.0	< 5.0	< 4.8 U,R	< 4.8	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	1	< 0.96 U,J	< 1.0	< 1.0	< 0.96 U,J	< 0.95 U,J	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	5	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	5	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	10	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
2-Chlorophenol	95-57-8	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	NL	< 4.8 U,J	< 5.0	< 5.0	< 4.8 U,J	< 4.8	NA	NA	NA	NA
2-Methylphenol (o-cresol)	95-48-7	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
2-Nitroaniline	88-74-4	5	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
2-Nitrophenol	88-75-5	NL	< 0.96 U,R	< 1.0	< 1.0	< 0.96 U,R	< 0.95 U,J	NA	NA	NA	NA
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	5	< 4.8 U,R	< 5.0	< 5.0	< 4.8 U,R	< 4.8 U,J	NA	NA	NA	NA
3-Nitroaniline	99-09-2	5	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	1	< 0.96 U,J	< 1.0	< 1.0	< 0.96 U,J	< 0.95 U,J	NA	NA	NA	NA
4-Bromophenyl phenyl ether	101-55-3	NL	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	1	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
4-Chloroaniline	106-47-8	5	< 3.4 U,R	< 3.5	< 3.5	< 3.4 U,R	< 3.3 U,J	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	7005-72-3	NL	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
4-Nitroaniline	100-01-6	5	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
4-Nitrophenol	100-02-7	1	< 0.96 U,R	< 1.0	< 1.0	< 0.96 U,R	< 0.95	NA	NA	NA	NA
Acenaphthene	83-32-9	20	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Acetophenone	98-86-2	NL	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Aniline	62-53-3	5	< 3.4	< 3.5 U,J	< 3.5 U,J	< 3.4	< 3.3 U,J	NA	NA	NA	NA
Anthracene	120-12-7	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Benzidine	92-87-5	5	< 4.3 U,R	< 4.5	< 4.5	< 4.3 U,R	< 4.3	NA	NA	NA	NA
Benzoic acid	65-85-0	NL	< 24 U,J	< 25	< 25	< 24 U,J	< 24	NA	NA	NA	NA
Benzyl butyl phthalate	85-68-7	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	5	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Bis(2-chloroethyl)ether	111-44-4	1.0	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	117-81-7	5	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
Carbazole	86-74-8	NL	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Dibenzofuran	132-64-9	NL	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Diethyl phthalate	84-66-2	50	< 4.8	5.9	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Dimethylphthalate	131-11-3	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Di-n-butylphthalate	84-74-2	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Di-n-octylphthalate	117-84-0	50	< 4.8	< 5.0	< 5.0	1.3	< 4.8	NA	NA	NA	NA
Fluoranthene	206-44-0	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Fluorene	86-73-7	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Hexachloroethane	67-72-1	5	< 0.96	< 1.0	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
Isophorone	78-59-1	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Naphthalene	91-20-3	10	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	621-64-7	NL	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Pentachloronitrobenzene	82-68-8	ND	< 2.4	< 2.5	< 2.5	< 2.4	< 2.4	NA	NA	NA	NA
Phenol	108-95-2	1	< 0.96	3	< 1.0	< 0.96	< 0.95	NA	NA	NA	NA
Pyrene	129-00-0	50	< 4.8	< 5.0	< 5.0	< 4.8	< 4.8	NA	NA	NA	NA
Pyridine	110-86-1	50	< 9.6 U,R	< 10 U,J	< 10 U,J	< 9.6 U,R	< 9.5	NA	NA	NA	NA

NOTES:

Qualifiers (Qual):

Laboratory: "S" Laboratory solvent, contamination is possible.

DUSR :

J The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may bias high.

J- The result is an estimated quantity, but the result may bias low.

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.

R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

UJ Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise.

All values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

SVOCs analyzed by USEPA Method 8270

NA indicates Not Analyzed

NL indicates Not Listed

Table 7 - Newton Plaza Site Characterization Report
Groundwater Laboratory Analytical Summary - PCBs, Metals, and Pesticides
NYSDEC P-Site No. 401085

Sample ID		NYSDEC TOGS 1.1.1 AWQSGV	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
Laboratory Samples ID			CR82666	CR82667	CR82668	CR82669	CR82670	CR82671	CR81264	CR81261	CR81265
Sample Date			10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/7/2024	10/7/2024
PCBs	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
PCB-1016	12674-11-2	NL	< 0.047 U,J	< 0.047 U,J	< 0.047 U,J	< 0.048 U,J	< 0.047 U,J	< 0.048 U,J	< 0.047 U,J	< 0.056	< 0.048 U,J
PCB-1221	11104-28-2	NL	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048 U,J
PCB-1232	11141-16-5	NL	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048 U,J
PCB-1242	53469-21-9	NL	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048 U,J
PCB-1248	12672-29-6	NL	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048 U,J
PCB-1254	11097-69-1	NL	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048 U,J
PCB-1260	11096-82-5	NL	< 0.047	< 0.047 U,J	< 0.047 U,J	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056 U,J	< 0.048 U,J
PCB-1262	37324-23-5	NL	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048 U,J
PCB-1268	11100-14-4	NL	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048 U,J
Polychlorinated biphenyls	1336-36-3	0.09*	< 0.047	< 0.047	< 0.047	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048
Metals	CAS										
Arsenic	7440-38-2	25	1 J	2 J	6	4	<4	<4	<4	4	18
Barium	7440-39-3	1,000	197	615	605	162	82	153	232	383	382
Cadmium	7440-43-9	5	<4	1 J	1 J	<4	<4	<4	<4	1 J	1 J
Chromium	7440-47-3	50	<1	1	<1	<1	<1	1	<1	<1	3
Lead	7439-92-1	25	<1	<1	<1	<1	<1	<1	<1	<2	34 U
Mercury	7439-97-6	0.7	<0.2	<0.2	<2	<2	<0.2	<2	<2	<0.2	<2
Selenium	7782-49-2	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Silver	7440-22-4	50	<5	<5 J	<5	<5	<5	<5	<1 J	<1	<5
Pesticides	CAS										
4,4' -DDD	72-54-8	0.3	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.006	< 0.005
4,4' -DDE	72-55-9	0.2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.006	< 0.005
4,4' -DDT	50-29-3	0.2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.006	< 0.005
a-BHC	319-84-6	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.006	< 0.005
a-chlordane	5103-71-9	NL	< 0.009	< 0.009	0.11	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Alachlor	15972-60-8	0.50	< 0.071	< 0.071	< 0.071	< 0.071	< 0.071	< 0.071	< 0.071	< 0.083	< 0.072
Aldrin	309-00-2	ND	< 0.001	< 0.001	< 0.010	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001
b-BHC	319-85-7	0.04	< 0.010 U1,J	< 0.005 U,J	< 0.005 U,J	< 0.005 U,J	< 0.005 U,J	< 0.005 U,J	< 0.005 U,J	< 0.006 U,J	< 0.005
Chlordane	57-74-9	0.05	< 0.047	< 0.047	0.38	< 0.048	< 0.047	< 0.048	< 0.047	< 0.056	< 0.048
d-BHC	319-86-8	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.006	< 0.005
Dieldrin	60-57-1	0.004	< 0.001	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001
Endosulfan I	959-98-8	NL	< 0.009	< 0.009	< 0.009	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Endosulfan II	33213-65-9	NL	< 0.009	< 0.009	< 0.009	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Endosulfan Sulfate	1031-07-8	NL	< 0.009 U,J	< 0.009 U,J	< 0.009 U,J	< 0.010 U,J	< 0.009 U,J	< 0.010 U,J	< 0.009 U,J	< 0.011 U,J	< 0.010 U,J
Endrin	72-20-8	ND	< 0.009	< 0.009	< 0.009	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Endrin Aldehyde	7421-93-4	5	< 0.009	< 0.009	< 0.009	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Endrin ketone	53494-70-5	5	< 0.009	< 0.009	< 0.009	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
g-BHC (Lindane)	58-89-9	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.006	< 0.005
g-chlordane	5103-74-2	NL	< 0.009	< 0.009	0.057	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Heptachlor	76-44-8	0.04	< 0.009	< 0.009	< 0.009	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Heptachlor epoxide	1024-57-3	0.03	< 0.009	< 0.009	0.037	< 0.010	< 0.009	< 0.010	< 0.009	< 0.011	< 0.010
Methoxychlor	72-43-5	35	< 0.094	< 0.094	< 0.094	< 0.095	< 0.094	< 0.095	< 0.094	< 0.11	< 0.096 U,J
Toxaphene	8001-35-2	0.06	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.22	< 0.19

NOTES:

Metals values displayed in micrograms per liter (µg/l) or parts per billion (ppb)

PCBs and Pesticide values displayed in micrograms per liter (µg/l) or parts per billion (ppb)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Yellow highlight indicates that the compound was detected at a concentration exceeding Technical and Operational Guidance Series (TOGS 1.1.1) Guidance Value

Metals analyzed by USEPA Method 6010/7471 PCBs analyzed by USEPA Method 8082 Pesticides analyzed by USEPA Method 8081

Qualifiers (Qual):

Laboratory: "S" Laboratory solvent, contamination is possible.

DUSR :

J The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may bias high.

J- The result is an estimated quantity, but the result may bias low.

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.

R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

UJ Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise.

NA indicates Not Analyzed

ND indicates Non-detect

J indicates an estimated value

NL indicates Not Listed

Table 7 - Newton Plaza Site Characterization Report
Groundwater Laboratory Analytical Summary - PCBs, Metals, and Pesticides
NYSDEC P-Site No. 401085

Sample ID		NYCRR Part 375 Commercial Use SCOs	MW-10	MW-11	MW-12	MW-13	MW-14	MS/MSD	DUPE	TRANSPORT BLANK	TRIP BLANK
Laboratory Samples ID			CR81266	CR81263	CR81262	CR81267	CR82672	CR82673	CR82674	CR81268	CR82843
Sample Date			10/7/2024	10/7/2024	10/7/2024	10/7/2024	10/8/2024	10/8/2024	10/8/2024	10/8/2024	10/7/2024
PCBs	CAS		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
PCB-1016	12674-11-2	NL	< 0.047	< 0.049	< 0.056	< 0.047 U,U	< 0.048 U,U	NA	NA	NA	NA
PCB-1221	11104-28-2	NL	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048 U,U	NA	NA	NA	NA
PCB-1232	11141-16-5	NL	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048 U,U	NA	NA	NA	NA
PCB-1242	53469-21-9	NL	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048 U,U	NA	NA	NA	NA
PCB-1248	12672-29-6	NL	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048 U,U	NA	NA	NA	NA
PCB-1254	11097-69-1	NL	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048 U,U	NA	NA	NA	NA
PCB-1260	11096-82-5	NL	< 0.047 U,U	< 0.049 U,U	< 0.056 U,U	< 0.047	< 0.048 U,U	NA	NA	NA	NA
PCB-1262	37324-23-5	NL	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048 U,U	NA	NA	NA	NA
PCB-1268	11100-14-4	NL	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048 U,U	NA	NA	NA	NA
Polychlorinated biphenyls	1336-36-3	0.09*	< 0.047	< 0.049	< 0.056	< 0.047	< 0.048	NA	NA	NA	NA
Metals	CAS										
Arsenic	7440-38-2	25	8	2 J	5	4 J	2 J	NA	NA	NA	NA
Barium	7440-39-3	1,000	51	44	212	56	33	NA	NA	NA	NA
Cadmium	7440-43-9	5	<4	<4	1 J	<4	<4	NA	NA	NA	NA
Chromium	7440-47-3	50	<1	<1	<1	1	<1	NA	NA	NA	NA
Lead	7439-92-1	25	<2	<2	4 U	<2	<1	NA	NA	NA	NA
Mercury	7439-97-6	0.7	<2	<2	<2	<2	<0.2	NA	NA	NA	NA
Selenium	7782-49-2	10	<10	<10	<10	<10	<10	NA	NA	NA	NA
Silver	7440-22-4	50	<5	<1	<1 J	<5	<5	NA	NA	NA	NA
Pesticides	CAS										
4,4' -DDD	72-54-8	0.3	< 0.047	< 0.010	< 0.006	< 0.005	< 0.005	NA	NA	NA	NA
4,4' -DDE	72-55-9	0.2	< 0.047	< 0.005	< 0.006	< 0.005	< 0.005	NA	NA	NA	NA
4,4' -DDT	50-29-3	0.2	< 0.047	< 0.005	< 0.006	< 0.005	< 0.005	NA	NA	NA	NA
a-BHC	319-84-6	0.0	< 0.047	< 0.005	< 0.006	< 0.005	< 0.005	NA	NA	NA	NA
a-chlordane	5103-71-9	NL	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Alachlor	15972-60-8	0.50	< 0.70	< 0.073	< 0.083	< 0.071	< 0.071	NA	NA	NA	NA
Aldrin	309-00-2	ND	< 0.014	< 0.002	< 0.010	< 0.001	< 0.001	NA	NA	NA	NA
b-BHC	319-85-7	0.04	< 0.047 U,U	< 0.005	< 0.006 U,U	< 0.005 U,U	< 0.005 U,U	NA	NA	NA	NA
Chlordane	57-74-9	0.05	< 0.47	< 0.049	< 0.056	< 0.047	< 0.047	NA	NA	NA	NA
d-BHC	319-86-8	0.04	< 0.047	< 0.005	< 0.006	< 0.005	< 0.005	NA	NA	NA	NA
Dieldrin	60-57-1	0.004	< 0.014	< 0.005	< 0.002	< 0.001	< 0.001	NA	NA	NA	NA
Endosulfan I	959-98-8	NL	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Endosulfan II	33213-65-9	NL	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NL	< 0.094 U,U	< 0.010	< 0.011 U,U	< 0.009 U,U	< 0.009 U,U	NA	NA	NA	NA
Endrin	72-20-8	ND	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Endrin ketone	53494-70-5	5	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
g-BHC (Lindane)	58-89-9	0.05	< 0.047	< 0.005	< 0.006	< 0.005	< 0.005	NA	NA	NA	NA
g-chlordane	5103-74-2	NL	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Heptachlor epoxide	1024-57-3	0.03	< 0.094	< 0.010	< 0.011	< 0.009	< 0.009	NA	NA	NA	NA
Methoxychlor	72-43-5	35	< 0.94	< 0.097	< 0.11	< 0.094	< 0.094	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	< 1.9	< 0.19	< 0.22	< 0.19	< 0.19	NA	NA	NA	NA

NOTES:

Metals values displayed in micrograms per liter (µg/l) or parts per billion (ppb)

PCBs and Pesticide values displayed in micrograms per liter (µg/l) or parts per billion (ppb)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Yellow highlight indicates that the compound was detected at a concentration exceeding Technical and Operational Guidance Series (TOGS 1.1.1) Guidance Value

Metals analyzed by USEPA Method 6010/7471 PCBs analyzed by USEPA Method 8082 Pesticides analyzed by USEPA Method 8081

Qualifiers (Qual):

Laboratory: "S" Laboratory solvent, contamination is possible.

DUSR :

J The associated numerical value is the approximate concentration of the analyte in the sample.

J+ The result is an estimated quantity, but the result may bias high.

J- The result is an estimated quantity, but the result may bias low.

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.

R The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present.

UU Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise.

NA indicates Not Analyzed

ND indicates Non-detect

J indicates an estimated value

NL indicates Not Listed

Table 8 - Newton Plaza Site Characterization Report
Groundwater Laboratory Analytical Summary - Emergent Contaminants
NYSDEC P-Site No. 401085

Sample ID		NYSDEC TOGS 1.1.1 AWQSGV	MW-1	MW-14
Laboratory Samples ID			CR82666	CR82672
Sample Date			8/20/2024	8/26/2024
SVOCs	CAS	Qual		
1,4-Dioxane	123-91-1	0.35	< 0.20	< 0.20
PFAS	CAS			
11CI-PF3OUdS	763051-92-9	NL	<0.00738	<0.00734
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	NL	<0.0075	<0.00746
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	NL	<0.00732	<0.00728
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	NL	<0.00742	<0.00738
3:3FTCA	356-02-5	NL	<0.00488	<0.00485
5:3FTCA	914637-49-3	NL	<0.0244	<0.0243
7:3FTCA	812-70-4	NL	<0.0244	<0.0243
9CI-PF3ONS	756426-58-1	NL	<0.0073	<0.00726
ADONA	919005-14-4	NL	<0.00738	<0.00734
HFPO-DA	13252-13-6	NL	<0.00781	<0.00777
NEtFOSA	4151-50-2	NL	<0.00195	<0.00194
NEtFOSAA	2991-50-6	NL	<0.00195	<0.00194
NEtFOSE	1691-99-2	NL	<0.0195	<0.0194
NFDHA	151772-58-6	NL	<0.00391	<0.00388
NMeFOSA	31506-32-8	NL	<0.00195	<0.00194
NMeFOSAA	2355-31-9	NL	<0.00195	<0.00194
NMeFOSE	24448-09-7	NL	<0.0195	<0.0194
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	NL	<0.00188	<0.00187
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	NL	<0.00187	<0.00185
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	NL	<0.00195	<0.00194
Perfluorobutanesulfonic acid (PFBS)	375-73-5	NL	0.00581	0.00151
Perfluorodecanoic acid (PFDA)	335-76-2	NL	<0.00195	<0.00194
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	NL	<0.00189	<0.00188
Perfluorododecanoic acid (PFDoA)	307-55-1	NL	<0.00195	<0.00194
Perfluoroheptanoic acid (PFHpA)	375-85-9	NL	0.00125	0.0232
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NL	0.00297	0.00139
Perfluorohexanoic acid (PFHxA)	307-24-4	NL	0.00194	0.0245
Perfluoro-n-butanoic acid (PFBA)	375-22-4	NL	0.00475	0.00724
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NL	<0.00188	<0.00186
Perfluorononanoic acid (PFNA)	375-95-1	NL	<0.00195	0.00598
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	0.00307	0.00087
Perfluorooctanoic acid (PFOA)	335-67-1	0.0067	0.003	0.147
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NL	<0.00184	<0.00183
Perfluoropentanoic acid (PFPeA)	2706-90-3	NL	0.0026	0.0155
Perfluorotetradecanoic acid (PFTA)	376-06-7	NL	<0.00195	<0.00194
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	NL	<0.00195	<0.00194
Perfluoroundecanoic acid (PFUnA)	2058-94-8	NL	<0.00195	<0.00194
PFEESA	113507-82-7	NL	<0.00348	<0.00346
PFMBA	863090-89-5	NL	<0.00391	<0.00388
PFMPA	377-73-1	NL	<0.00391	<0.00388

NOTES:

1,4 - Dioxane values displayed in micrograms per liter (µg/l) or parts per billion (ppb)

PFAS values displayed in micrograms per liter (µg/L) or parts per billion (ppb) per Feb. 2023 TOGS Addendum

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Yellow highlight indicates that the compound was detected at a concentration Technical and Operational Guidance Series (TOGS 1.1.1) Guidance Value

PFAS (40) analyzed by USEPA 1633 Draft 3

SVOCs analyzed by USEPA Method 8270E (SIM)

NL indicates Not Listed

Qualifiers (Qual): **DUSR** Lab

J indicates an estimated value

U/U The analyte was analyzed for, but not detected above the level of the reported sample quantitation limit.

UJ Analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate/imprecise



Attachment 1

Soil Boring Logs

MONITORING WELL / BORING NO. **SB-1/MW-1**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 20, 2024
 Location: East of Milano Restaurant Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Austin Willard
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 15' (Dia): 2" Well Type: PVC
 Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 14' - 4.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 4.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:
SB-1/MW-1 6'-7'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0				
		S-1: 0" - 5.0' Hand cleared	< 1.0	0" - 0.5' Asphalt 0.5' - 5.0' Brown, dry, coarse to fine SAND
5		S-2: 5.0' - 10' Rec: 4.0'/5.0'	< 1.0	5.0' - 14' Brown, dry to wet, medium to fine SAND and SILT Wet at 8.0'
10		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	14' - 15' Brown, wet, coarse to fine SAND and SILT, some Gravel
15				EOB @ 15'
20				
25				
30				
35				

MONITORING WELL / BORING NO. **SB-2/MW-2**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 20, 2024
 Location: East of Midpoint Pizza Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Austin Willard
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 15' (Dia): 2" Well Type: PVC
 Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-2/MW-2 6.5'-8'
Duplicate Parent 1

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap, 8" road box, Concrete, Native Soil & Well Sand, Bentonite			0" - 0.5' Asphalt
		S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 5.0' Brown, dry, coarse to fine SAND, some Gravel (fill material)
5	2" PVC Riser			5.0' - 9.0' Light brown to brown, moist, medium to fine SAND and SILT
	#2 Well Sand	S-2: 5.0' - 10' Rec: 5.0'/5.0'	< 1.0	Wet at 8.0'
10	10 Slot PVC Screen			9.0' - 10' Brown, wet, coarse to fine SAND and SILT
		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	10' - 12' Brown, wet, fine SAND and SILT
				12' - 15' Brown, wet, medium to fine SAND and SILT
15				EOB @ 15'
20				
25				
30				
35				

MONITORING WELL / BORING NO. **SB-3/MW-3**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 21, 2024
 Location: East of The Works Cafe Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Austin Willard
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 20' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 20' (Dia): 2" Well Type: PVC
 Screen Interval: 20' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 20' - 3.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-3/MW-3 9.5'-11'
SB-3/MW-3 14'-15'
SB-3/MW-3 18'-20'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0				
0		S-1: 0" - 5.0' Hand cleared	< 1.0	0" - 0.5' Asphalt 0.5' - 5.0' Brown, dry, medium to fine SAND, some asphalt fragments
5		S-2: 5.0' - 10' Rec: 0.6'/5.0'	< 1.0	5.0' - 10' Brown, moist, medium to fine SAND Wet at 5.6'
10		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	10' - 14' Brown, wet, medium to fine SAND and SILT 14' - 15' Gray, wet, SILT and CLAY, some fine Sand 15' - 20' Gray, moist, SILT, some fine Sand, trace Clay
15		S-4: 15' - 20' Rec: 3.0'/5.0'	< 1.0	
20				EOB @ 20'
25				
30				
35				

MONITORING WELL / BORING NO. **SB-4/MW-4**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 21, 2024

Location: East of Uncle Sam's Chocolate Factory Drilling Co.: LaBella Associates

Client: Newton Plaza Associates, LLC Driller: Austin Willard

Phone No.: N/A Logged by: Sierra Vaverchak

Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"

Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):

Well TD: 15' (Dia): 2" Well Type: PVC

Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"

Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"

Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount

Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-4/MW-4 7'-8'
SB-4/MW-4 10'-11.5'
SB-4/MW-4 14'-15'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap, 8" road box, Concrete, Native Soil & Well Sand, Bentonite			0" - 0.5' Asphalt
		S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 5.0' Brown, dry, medium to fine SAND, some Gravel (fill material)
5	2" PVC Riser			5.0' - 8.0' Brown, moist, medium to fine SAND and SILT
	#2 Well Sand	S-2: 5.0' - 10' Rec: 4.0'/5.0'	< 1.0	Wet at 7.0'
10	10 Slot PVC Screen			8.0' - 10' Dark brown, wet, fine SAND, some Silt
		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	10' - 14' Brown, wet, fine SAND and SILT
15				14' - 15' Brown to gray, wet SILT, some fine Sand
20				EOB @ 15'
25				
30				
35				

MONITORING WELL / BORING NO. **SB-5/MW-5**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 21, 2024

Location: South of The Works Cafe Drilling Co.: LaBella Associates

Client: Newton Plaza Associates, LLC Driller: Austin Willard

Phone No.: N/A Logged by: Sierra Vaverchak

Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"

Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):

Well TD: 15' (Dia): 2" Well Type: PVC

Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"

Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"

Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount

Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-5/MW-5 6.5'-8'
SB-5/MW-5 9'-10'
SB-5/MW-5 14'-15'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0				
0" - 0.5'				Asphalt
0.5' - 5.0'		S-1: 0" - 5.0' Hand cleared	< 1.0	Brown, dry, medium to fine SAND
5.0' - 6.0'		S-2: 5.0' - 10' Rec: 4.0'/5.0'	< 1.0	Dark brown, moist, medium to fine SAND
6.0' - 10'				Brown, moist to wet, medium to fine SAND and SILT Wet at 8.0'
10' - 14'		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	Brown, wet, fine SAND (running)
14' - 15'				Brown, saturated, medium to fine SAND, little Silt
EOB @ 15'				

MONITORING WELL / BORING NO. **SB-6/MW-6**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 22, 2024

Location: East of Gracie's Apparel & Accessories Drilling Co.: LaBella Associates

Client: Newton Plaza Associates, LLC Driller: Ray Hammond

Phone No.: N/A Logged by: Sierra Vaverchak

Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"

Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):

Well TD: 15' (Dia): 2" Well Type: PVC

Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"

Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"

Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount

Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-6/MW-6 6'-7.5'
SB-6/MW-6 10'-11'
SB-6/MW-6 14.5'-15'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap, 8" road box, Concrete, Native Soil & Well Sand, Bentonite			0" - 0.5' Asphalt
5	2" PVC Riser, #2 Well Sand, 10 Slot PVC Screen	S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 5.0' Brown, dry, medium to fine SAND
10		S-2: 5.0' - 10' Rec: 4.0'/5.0'	< 1.0	5.0' - 7.0' Brown, dry, medium to fine SAND and SILT 7.0' - 14.5' Brown, wet, medium to fine SAND and SILT Wet at 7.5'
15		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	14.5' - 15' Gray SILT, wet, some fine SAND
20				EOB @ 15'
25				
30				
35				

MONITORING WELL / BORING NO. **SB-7/MW-7**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 22, 2024

Location: East of Newton Medical Group Drilling Co.: LaBella Associates

Client: Newton Plaza Associates, LLC Driller: Ray Hammond

Phone No.: N/A Logged by: Sierra Vaverchak

Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"

Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):

Well TD: 15' (Dia): 2" Well Type: PVC

Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"

Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"

Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount

Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-7/MW-7 7'-8'
SB-7/MW-7 11'-12'
SB-7/MW-7 14.5'-15'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0				
0" - 0.5'				Asphalt
0.5' - 5.0'		S-1: 0" - 5.0' Hand cleared	< 1.0	Brown, dry, medium to fine SAND
5.0' - 7.0'		S-2: 5.0' - 10' Rec: 4.0'/5.0'	< 1.0	Brown, dry, medium to fine SAND 2" dark brown SILT layer at 7'
7.0' - 10'				Brown, wet, medium to fine SAND, intermittent gray Silt layers Wet at 8.0'
10' - 14.5'		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	Dark brown to gray, wet, medium to fine SAND and SILT
14.5' - 15'				Gray, wet, SILT, some Clay, trace fine Sand
				EOB @ 15'

MONITORING WELL / BORING NO. **SB-8/MW-8**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 22, 2024
 Location: East of CVS Drug Store Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Ray Hammond
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 15' (Dia): 2" Well Type: PVC
 Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-8/MW-8 8'-9'
SB-8/MW-8 10'-11'
SB-8/MW-8 14'-15'
SB-8/MW-8 14'-15' MS/MSD
Duplicate Parent 2 SB-08/MW-8 8'-9'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap, 8" road box, Concrete, Native Soil & Well Sand, Bentonite	Hand cleared	< 1.0	0" - 0.5' Asphalt 0.5' - 2.0' Brown, dry, coarse to fine SAND and SILT, some Cobbles and Gravel (fill) Asphalt (former driveway confirmed by client) encountered at 2'
5	2" PVC Riser, #2 Well Sand	S-1: 2.0' - 5.0' Rec: 3.0'/5.0'	< 1.0	2.0' - 5.0' Brown, dry, medium to fine SAND, little Silt
10	10 Slot PVC Screen	S-2: 5.0' - 10' Rec: 4.5'/5.0'	< 1.0	5.0' - 9.0' Dark brown, moist, fine SAND and SILT 9.0' - 11' Brown, wet, medium to fine SAND, little Silt Wet at 9.0'
15		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	11' - 15' Gray, wet, SILT, little fine Sand
20				
25				
30				
35				

EOB @ 15'

MONITORING WELL / BORING NO. **SB-9/MW-9**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 23, 2024
 Location: West of Milano Restaurant Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Ray Hammond
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 15' (Dia): 2" Well Type: PVC
 Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-9/MW-9 8'-9'
SB-9/MW-9 8'-9' MS/MSD
SB-9/MW-9 12'-13'
SB-9/MW-9 13.5'-15'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap 8" road box Concrete Native Soil & Well Sand Bentonite			0" - 0.5' Asphalt
		S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 5.0' Brown, dry, medium to fine SAND
5	2" PVC Riser			5.0' - 8.0' Brown, dry, medium to fine SAND, little Silt
	#2 Well Sand	S-2: 5.0' - 10' Rec: 3.5'/5.0'	< 1.0	8.0' - 10' Brown, wet, medium to fine SAND, some Silt Wet at 9.0'
10	10 Slot PVC Screen			10' - 13.5' Brown to gray, wet, coarse to fine SAND, little Silt
		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	13.5' - 15' Gray SILT, wet, some fine Sand
15				EOB @ 15'
20				
25				
30				
35				

MONITORING WELL / BORING NO. **SB-10/MW-10**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 23, 2024
 Location: West of Casa Flora Florist Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Ray Hammond
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 20' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 20' (Dia): 2" Well Type: PVC
 Screen Interval: 20' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 20' - 3.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-10/MW-10 7'-8'
SB-10/MW-10 15'-16.5'
SB-10/MW-10 19'-20'
Duplicate Parent 3 SB-10/MW-10 19'-20'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap, 8" road box, Concrete, Native Soil & Well Sand, Bentonite			0" - 0.5' Asphalt
5	2" PVC Riser	S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 5.0' Brown, dry, medium to fine SAND
10	#2 Well Sand	S-2: 5.0' - 10' Rec: 4.5'/5.0'	< 1.0	5.0' - 8.0' Brown, dry, medium to fine SAND, little Silt Perched groundwater at 8' 8.0' - 9.0' Black, dry, coarse to dry SAND, wood fragments (fill) 9.0' - 12' Brown, dry, coarse to fine SAND, ash and glass fragments (fill)
15	10 Slot PVC Screen	S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	12' - 13' Brown, dry, coarse SAND, little Silt 13' - 15' Dark brown, wet, medium to fine SAND, some Silt Wet at 13'
20		S-4: 15' - 20' Rec: 5.0'/5.0'	< 1.0	15' - 19' Brown, wet, fine SAND and SILT
25				19' - 20' Gray, wet, SILT, little fine Sand
30				
35				

EOB @ 20'

MONITORING WELL / BORING NO. **SB-11/MW-11**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 26, 2024

Location: South of 596 Schuyler Rd building Drilling Co.: LaBella Associates

Client: Newton Plaza Associates, LLC Driller: Austin Willard

Phone No.: N/A Logged by: Sierra Vaverchak

Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"

Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):

Well TD: 15' (Dia): 2" Well Type: PVC

Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"

Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"

Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount

Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-11/MW-11 8'-9'
SB-11/MW-11 11'-12'
SB-11/MW-11 14'-15'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap, 8" road box, Concrete, Native Soil & Well Sand, Bentonite			0" - 0.5' Organic material and topsoil
5	2" PVC Riser, #2 Well Sand	S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 7.0' Brown, dry, coarse to fine SAND Plastic fragments at 2'
10	10 Slot PVC Screen	S-2: 5.0' - 10' Rec: 3.0'/5.0'	79.5 3.6	7.0' - 8.0' Brown, moist, medium to fine SAND, some Silt, petroleum odor, 3" band of iridescence staining at 8' 8.0' - 15' Brown, saturated, medium to fine SAND, some Silt ▼ Wet at 9.0'
15		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	14' - 15' Brown, saturated, medium to fine SAND and SILT
20				
25				
30				
35				

EOB @ 15'

MONITORING WELL / BORING NO. **SB-12/MW-12**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 26, 2024

Location: Near Pad Mounted Transformer Drilling Co.: LaBella Associates

Client: Newton Plaza Associates, LLC Driller: Austin Willard

Phone No.: N/A Logged by: Sierra Vaverchak

Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"

Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):

Well TD: 15' (Dia): 2" Well Type: PVC

Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"

Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"

Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount

Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-12/MW-12 6'-7'
SB-12/MW-12 9'-10'
SB-12/MW-12 13.5'-15'
SB-12/MW-12 13.5'-15' MS/MSD

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap 8" road box Concrete Native Soil & Well Sand Bentonite			0" - 0.5' Asphalt
		S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 5.5' Brown, dry, coarse to fine SAND, some Gravel (fill)
5	2" PVC Riser			5.5' - 6.0' Dark brown, moist, organic material with wood fragments
	#2 Well Sand	S-2: 5.0' - 10' Rec: 4.5'/5.0'	< 1.0	6.0' - 7.0' Brown, moist, medium to fine SAND, little Silt
10	10 Slot PVC Screen			7.0' - 13' Brown, saturated, medium to fine SAND, some Silt
15		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	13' - 15' Brown, saturated, coarse to fine SAND, some Silt
20				
25				
30				
35				

EOB @ 15'

MONITORING WELL / BORING NO. **SB-13/MW-13**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 26, 2024
 Location: West of Newton Wine & Spirits Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Austin Willard
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 15' (Dia): 2" Well Type: PVC
 Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-13/MW-13 8'-9'
SB-13/MW-13 11'-12'
SB-13/MW-13 14'-15'
Duplicate Parent 4 SB-13/MW-13 8'-9'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0	2" cap, 8" road box, Concrete, Native Soil & Well Sand, Bentonite			0" - 0.5' Asphalt
		S-1: 0" - 5.0' Hand cleared	< 1.0	0.5' - 5.5' Brown, dry, medium to fine SAND, little asphalt and Gravel fragments (fill)
5	2" PVC Riser			5.5' - 8.5' Dark brown, moist, medium to fine SAND, 3" black Silt layer at 7'
	#2 Well Sand	S-2: 5.0' - 10' Rec: 4.5'/5.0'	< 1.0	8.5' - 9.0' Red, moist, medium to fine SAND, little Silt
10	10 Slot PVC Screen			9.0' - 10' Brown to gray, wet, medium to fine SAND, some Silt
		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	10' - 12' Wet at 9.0' Brown, saturated, coarse to fine SAND, little Silt
15				12' - 15' Brown, saturated, medium to fine SAND, some Silt
20				
25				
30				
35				

EOB @ 15'

MONITORING WELL / BORING NO. **SB-14/MW-14**

Site Name: Newton Plaza Associates, LLC Date Drilled: August 26, 2024
 Location: West of CVS Drug Store Drilling Co.: LaBella Associates
 Client: Newton Plaza Associates, LLC Driller: Austin Willard
 Phone No.: N/A Logged by: Sierra Vaverchak
 Drilling Method: HSA Geoprobe 7822 DT (Dia): 2" Sampling Method: Macro Core (Dia): 2"
 Drilled TD: 15' (Dia): 2" Sampled TD: See samples collected (Dia):
 Well TD: 15' (Dia): 2" Well Type: PVC
 Screen Interval: 15' - 5.0' Slot Size: 0.010" Diameter: 2"
 Cased Interval: 5.0' - Grade Type: PVC Diameter: 2"
 Sand Pack Interval: 15' - 3.0' Type: #2 Wellhead Prot: Flush Mount
 Bentonite Seal Interval: 3.0' - 1.0' Type: chips Grouted Interval: N/A



Soil Samples Collected:

SB-14/MW-14 7'-8'
SB-14/MW-14 9'-10'
SB-14/MW-14 14'-15'

Depth (Feet)	Monitoring Well Construction	Recovery;	PID (ppm):	Description / Soil Classification
0				
		S-1: 0" - 5.0' Hand cleared	< 1.0	0" - 0.5' Asphalt 0.5' - 7.0' Light brown, dry, medium to fine SAND, little Silt
		S-2: 5.0' - 10' Rec: 4.0'/5.0'	< 1.0	7.0' - 8.0' Brown to dark brown, moist, medium to fine SAND, little Silt Wet at 8.0' 8.0' - 14' Dark brown, saturated, medium to fine SAND, some Silt
		S-3: 10' - 15' Rec: 5.0'/5.0'	< 1.0	14' - 15' Gray, saturated, coarse to fine SAND, little Silt
				EOB @ 15'



Attachment 2

Well Development Logs

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. #1

Project Name:	Newton Plaza Associates LLC
Location:	Latham, NY
Development By:	JM / MD
Weather:	Sunny 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: _____ -Inch

Depth of Well: 12.94 -Feet

Static Water Level:	7.20	-Feet
Single Well Volume:	0.94	-Gallons
10	9.37	

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

WELL I.D. #2

Project Name: Newton Plaza Associates LLC

Location: Latham, NY

Development By: JM/MD

Weather: SUNNY 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch

Depth of Well: 12.60 -Feet

Static Water Level: 6.93 -Feet

Single Well Volume: ~~12~~ 0.92 -Gallons

~~17-60~~ 9.24

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.



GROUNDWATER DEVELOPMENT FORM

5 McCreia Hill Rd., Ballston Spa
PH: (518) 885-5383

WELL I.D. #3

Project Name: Newton Plaza Associates LLC
Location: Latham, NY
Development By: ~~Jeffery~~ PS
Weather: Sunny 70°

Project No.: 2243806 Phase 05Date: 9.19.24
9.18.24

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch
Depth of Well: 16.8 -Feet

Static Water Level: 6.40 -Feet
Single Well Volume: 1.695 -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☒ Pump - Type: Water
Pump Rate: ~ 1000 ml/min
600

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	DO	Comments
1110	2.5 1.5	10.25	19.39	7.53	>1000	0.78	
1105	2.2 2.2	10.56	19.97	5.20	>1000	0.96	
1120	3.0	10.50	20.20	6.05	>1000	1.10	going to every 10 mins
1130	4.5 4.5	10.43	20.16	6.98	>1000	1.27	
1140	6 6	10.48	20.15	7.12	>1000	1.07	stopped tried clean bather
1150	7.5 7.5						
1200	9 9	10.38	20.57	8.95	>1000	.65	pumping into a bucket / flow through clogged
1210	9	10.27	20.47	9.72	>1000	1.01	
1220	10.5	10.37	20.86	9.13	>1000	1.15	
1230	12	10.11	21.19	9.27	>1000	.87	
1240	13.5	9.94	21.36	9.32	>1000	1.14	
1250	15	9.89	21.54	9.56	>1000	1.23	
1300	16.5	10.15	21.90	9.83	>1000	1.12	
1310	18	10.02	21.99	9.96	>1000	.96	

Total ~18 Gallons Purged Purge Start Time: ~1100 Purge End Time:

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

- Started taking readings ~100 mins after starting (very silty)
- Switched to taking readings every 10 mins
- ~1145 Flow thru was getting clogged and coming out suds, tried cleaning but then line was clogged spoke w/ PVE went to taking readings from "cup" every 10 mins.
- purged 10 well volumes
Well Volume (2" well) = 0.163-gal/ft.
- Horizon should get baked at high pH readings

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. # 4

Project Name:	Newton Plaza Associates LLC
Location:	Latham, NY
Development By:	Jin/mo
Weather:	Sunny 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch

Depth of Well: 14.00 -Feet

Static Water Level:	7.55	-Feet
Single Well Volume:	1.05	-Gallons
10 ↓ ↓	10.51	

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. #5

Project Name: Newton Plaza Associates LLC

Location: Latham, NY

Development By: JM Ltd

Weather: Sunny 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch

Depth of Well: 13.50 -Feet

Static Water Level: 6.89 -Feet

Single Well Volume: ~~11.14~~ 11.14 -Gallons

10 ↓ 11.42

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.



PH: (518) 885-5383

WELL I.D. ¹¹⁵6

Weather: Sunny 70°

Well Volume (2" well) = 0.163-gal/ft.



GROUNDWATER DEVELOPMENT FORM

WELL I.D. #17

Project No.: 2243806 Phase 05

Date: 9.18.20

PURGE VOLUME CALCULATION

Static Water Level:	21.05	-Feet
Single Well Volume:	1010	-Gallons

PURGE & SAMPLING METHOD

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
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OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. #8

Project Name:	Newton Plaza Associates LLC
Location:	Latham, NY
Development By:	Jm/mo
Weather:	Sunny 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: -Inch
Depth of Well: 13.65 -Feet

Static Water Level:	5.05	-Feet
Single Well Volume:	1.304	-Gallons
10 ↓ ↓	13.04	

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.



GROUNDWATER DEVELOPMENT FORM

WELL I.D. #9

Project No.: 2243806 Phase 05

Date: 9.18.24

Static Water Level: 7.67 -Feet
Single Well Volume: _____ -Gallons

☐ Pump - Type _____
Pump Rate: _____

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. #10

Project Name:	Newton Plaza Associates LLC
Location:	Latham, NY
Development By:	JM/mo
Weather:	Sunny 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: 2' -Inch
Depth of Well: 17.00 Feet

Static Water Level: 7.42 -Feet
Single Well Volume: _____ -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. # 11

Project Name:	Newton Plaza Associates LLC
Location:	Latham, NY
Development By:	JM/MD
Weather:	SUNNY 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: _____ -Inch

Depth of Well: 12.94 -Feet

Static Water Level: 5.34 -Feet
Single Well Volume: _____ -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. #12

Project Name:	Newton Plaza Associates LLC
Location:	Latham, NY
Development By:	JM / MD
Weather:	SUNNY 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch
Depth of Well: 13.80Feet

Static Water Level: 5.67 -Feet

Single Well Volume: 1.33 -Gallons

106 ↓ 13.85

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
1	1	1	1

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. #13

Project Name: Newton Plaza Associates LLC

Location: Latham, NY

Development By: J M / MD

Weather: Sunny 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch

Depth of Well: 14.00 -Feet

Static Water Level: 5.92 -Feet

Single Well Volume: 3.32 -Gallons

10 " " 13:17

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged	Purge Start Time:	Purge End Time:
-------	----------------	-------------------	-----------------

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.

5 McCrea Hill Rd., Ballston Spa
PH: (518) 885-5383

GROUNDWATER DEVELOPMENT FORM

WELL I.D. #14

Project Name: Newton Plaza Associates LLC

Location: Latham, NY

Development By: Jim / mo

Weather: Sunny 70°

Project No.: 2243806 Phase 05

Date: 9.18.24

PURGE VOLUME CALCULATION

Well Diameter: _____ -Inch

Depth of Well: 13.90 -Feet

Static Water Level:	6.15	-Feet
Single Well Volume:	1.26	-Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	Gallons Purged
-------	----------------

Purge Start Time:

Purge End Time:

OBSERVATIONS:

Notes for the comments section should include: Color, LNAPL/DNAPL Observed, Odor Yes/No, and Sheen Yes/No

Well Volume (2" well) = 0.163-gal/ft.



Attachment 3

Low Flow Sampling Logs

5 McCrea Hill Rd.
Ballston Spa, New York 12020
Telephone: (518) 885-5383

WELL I.D.: MW-1

Project Name: Newton Plaza LLC
Location: Latham, NY
Project No.: 2243806.05
Sampled By: Casey Belden
Date: 10/8/24
Weather: Sunny, breezy, 52°F

WELL SAMPLING INFORMATION

Well Diameter: 2"
Depth of Well: 13.28'
Measuring Point: TOC
Pump Type: Peristaltic

Static Water Level:	7.52'
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	

FIFI D PARAMETER MEASUREMENT

[illegible]

Total	Gallons Purged
-------	----------------

Purge Time Start: 1010 Purge Time End: 1045 Final Static Water Level: 7.65'

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Color $\rightarrow$ Clear, no odor, no sheen

5 McCrea Hill Rd.
Ballston Spa, New York 12020
Telephone: (518) 885-5383

WELL I.D.: MW-2

Project Name: Newton Plaza LLC

Location: Latham, NY

Project No.: 2243806.05

Sampled By: MO

Date: 10-8-24

Weather: 55°F Clear Calm

WELL SAMPLING INFORMATION

Well Diameter: 2 inch
Depth of Well: 13.06
Measuring Point: TOC
Pump Type: Peristaltic

Static Water Level:	7.32
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	MW-2 1042

FIELD PARAMETER MEASUREMENT

[illegible]

Total	2.8	Gallons Purged
-------	-----	----------------

Purge Time Start: 1004 Purge Time End: 1039 Final Static Water Level: 7.43

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Color Lt brown to clear
odor - NO
sheen - NA

$$240 \text{ mL} = 50 \text{ s}$$

9 5/4

$$\frac{270}{50} = \frac{x}{60}$$

5 McCrea Hill Rd.
Ballston Spa, New York 12020
Telephone: (518) 885-5383

WELL I.D.: MLW-3

Project Name:	Newton Plaza LLC
Location:	Latham, NY
Project No.:	2243806.05
Sampled By:	MO
Date:	10-8-24
Weather:	60's - F Pt cloudy calm

WELL SAMPLING INFORMATION

Well Diameter: 2 inch
Depth of Well: 15.65
Measuring Point: TOC
Pump Type: Peristaltic

Static Water Level:	6.71
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	ML-3 1348

FIELD PARAMETER MEASUREMENT

[illegible]

Total	2.5	Gallons Purged
-------	-----	----------------

Purge Time Start: 1319 Purge Time End: 1343 Final Static Water Level: 7.03

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Color - Lt brown
Oder - No
Shreen - No

$$\frac{240 \text{ mL}}{40} \times \frac{x}{60} = 0.095 \text{ g/mL}$$
$$\sim 0.5 \text{ g/mL}$$

Shree $\rightarrow$ No

5 McCrea Hill Rd.
Ballston Spa, New York 12020
Telephone: (518) 885-5383

WELL I.D.: MW-5

Project Name:	Newton Plaza LLC
Location:	Latham, NY
Project No.:	2243806.05
Sampled By:	Casey Belden
Date:	10/18/24
Weather:	Sunny, 62°F

WELL SAMPLING INFORMATION

Well Diameter: 2"
Depth of Well: 13.82'
Measuring Point: TOC
Pump Type: Peristaltic

Static Water Level:	7.25'
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	

FIELD PARAMETER MEASUREMENT

[illegible]

Total	0.72	Gallons Purged
-------	------	----------------

Purge Time Start: 1205 Purge Time End: 1225 Final Static Water Level: 7.35

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Color Lt Brown to clear
odor - No
Shizen - No



Project Name: Newton Plaza LLC
Location: Latham, NY
Project No.: 2243806.05
Sampled By: MO
Date: 10 - 7 - 24
Weather: Low 70's F P+ Cloudy Windy

Well Diameter: 2 inch
 Depth of Well: 14.12
 Measuring Point: TOC
 Pump Type: Peristaltic

Static Water Level:	7.00
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	MW-7 1458

[illegible]

Total ~ 1.5 Gallons Purged

Purge Time Start: 1430 Purge Time End: 1455 Final Static Water Level: 7.25

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Color $\rightarrow$ Lt brown to clear
Odor
Shreen

$240 \text{ mL} \approx 60 \text{ s}$

0.39/5m



WELL I.D.: MW-8

Project Name:	Newton Plaza LLC
Location:	Latham, NY
Project No.:	2243806.05
Sampled By:	
Date:	
Weather:	

Well Diameter: _____
 Depth of Well: 13.80
 Measuring Point: TOC SPC $\frac{us}{cm}$
 Pump Type: Peristaltic

Static Water Level:	5.26
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	MW-8

FIELD PARAMETER MEASUREMENT

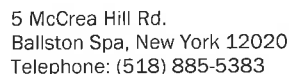
FIELD PARAMETER MEASUREMENT										Comments
Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O ₂ (mg/L)	Conductivity (mS/cm)	pH	Redox (mV)	Turbidity (NTU)	Depth to Water	
				+ 10%	+/- 3%	+/- 0.1	+/- 10 mV	+ 10%	Ft. BGS	
2:03		Trace	21.5	0.68	4744	6.14	-72.8	242.43	6.20	
2:08	0.25/s/min	0.25	21.9	0.26	4834	6.11	-59.3	35.97	6.31	
2:13	H	0.5	22.1	0.18	4254	6.04	-65.5	32.58	6.35	
2:18	11	0.75	22.1	0.16	3738	6.03	-72.8	33.12	6.41	
2:23	0.5	1.25	22.3	0.11	3332	6.01	-72.1	35.56	6.45	
2:28	0.5	1.75	22.3	0.09	3458	6.01	-95.2	33.23	6.47	
2:33	0.5	2.25	22.3	0.08	3566	6.01	-97.8	29.83	6.35	
2:38	-sample	2.35	22.3	0.08	3576	6.01	-98.6	29.07	6.35	
					Sample @ 2:41					
					Sample time on bottles - 14:35 - thought it would be stable					

Total	7.75	Gallons Purged
-------	------	----------------

Purge Time Start: 2:03 Purge Time End: 2:38 Final Static Water Level: _____

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.



WELL I.D.: MW-9

Project Name: Newton Plaza LLC
Location: Latham, NY
Project No.: 2243806.05
Sampled By: M.O.
Date: 10-7-24
Weather: 60-70's°F P+ cloudy windy

Well Diameter: 2 inch
Depth of Well: 13.88
Measuring Point: TOC
Pump Type: Peristaltic

Static Water Level:	8.02
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	MW-9 1334

[illegible]

Total	2.1	Gallons Purged
-------	-----	----------------

Purge Time Start: 1355 Purge Time End: 1330 Final Static Water Level: 8.21

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Color - Lt brown
odor - ~~No~~ Yes
Shreen - ~~Sh~~ Minor Shreen

$$240 \text{ mL} = 605$$

0.06 g/m
~ 0.3 g/5m

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Telephone: (518) 885-5383

WELL I.D.: MW-10

Project Name: Newton Plaza LLC

Location: Latham, NY

Project No.: 2243806.05

Sampled By: M.D.

Date:

Weather:

Static Water Level:

Tubing Type:

Decon Method:

Sample ID and Time

WELL SAMPLING INFORMATION

Well Diameter:

Depth of Well:

Measuring Point:

Pump Type:

TOC

Peristaltic

7.76

HDPE and Silicone

Alconox and water rinse

PL-10

1300

FIELD PARAMETER MEASUREMENT

[illegible]

Total ~ 1.5 Gallons Purged

Purge Time Start:

Purge Time End:

Final Static Water Level:

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Color - Lt brown to near clear
No odor
No shuen

$240 \text{ mL} \Rightarrow 70.5 \sim 200 \text{ mL/min}$
 0.05 g/mL

5 McCrea Hill Rd.
Ballston Spa, New York 12020
Telephone: (518) 885-5383

WELL I.D.: MW-11

Project Name: Newton Plaza LLC

Location: Latham, NY

Project No.: 2243806.05

Sampled By:

Date:

Weather:

WELL SAMPLING INFORMATION

Well Diameter:

Depth of Well:

Measuring Point:

Pump Type:

TOC

Peristaltic

Static Water Level:

Tubing Type:

Decon Method:

Sample ID and Time

5.65

HDPE and Silicone

Alconox and water rinse

MW-11

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O ₂ (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
11:25		trace	18.7	0.22	970	6.24	-94.0	642.87	5.73		
11:30	0.25/5 min	0.25	16.8	0.03	1314	6.26	-91.8	938.47	45.83		
11:35	0.5/5 min	0.75	16.8	0.02	1607	6.28	-86.5	1526.64	5.76		
11:40	0.5/5 min	1.25	16.8	0.04	1372	6.27	-94.1	1758.43	5.77		
11:45	0.25/5 min	1.5	16.8	0.04	1474	6.28	-98.8	818.79	5.77		
11:50	0.25	1.75	16.8	0.03	955	6.26	-104.1	2743.93	5.77		
11:55	0.25	2.0	16.8	0.02	1064	6.27	-105.5	2198.33	5.77		
12:00	0.25	2.25	16.8	0.03	1237	6.28	-105.4	2064.26	5.77		
12:05	0.25	2.5	16.8	0.03	1403	6.30	-104.1	2254.15	5.77		
12:10	0.25	3.0	16.8	0.07	1442	6.30	-101.5	40.34	5.77		
12:15	0.25	3.25	16.8	0.04	1475	6.30	-102.5	41.04	5.77		
12:20	0.25	3.5	16.8	0.03	1487	6.30	-102.6	38.78	5.77		
	- Sample 12:23	18.23									
				Brown + clear /	No odor /	100 seen					

Total	3.5
-------	-----

Gallons Purged

Purge Time Start:

Purge Time End:

Final Static Water Level:

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.



5 McCreia Hill Rd.
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Telephone: (518) 885-5383

Project Name: Newton Plaza LLC

Location: Latham, NY

Project No.: 2243806.05

Sampled By: GL

Date: 10/2/24

Weather: Sunny

WELL I.D.: MW-12

WELL SAMPLING INFORMATION

Well Diameter: 2"

Depth of Well: 13.38

Measuring Point: TOC

Pump Type: Peristaltic

Static Water Level: 4.88

Tubing Type: HDPE and Silicone

Decon Method: Alconox and water rinse

Sample ID and Time: MW-12 10:17

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O ₂ (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS	Comments
9:40		TRICE	20.3	0.87	3283	5.96	14.7	176.82	5.05	
9:45		0.25	20.5	0.28	3239	6.15	-121.7	118.48	5.99	
9:50		0.25	20.4	0.14	3133	6.20	-146.0	80.22	5.74	
9:55	0.25/5min	0.25	20.5	0.10	3058	6.22	-153.1	64.85	6.0	
10:00	0.25/5min	1.0 gal	20.5	0.07	3026	6.22	-156.3	53.93	6.0	
10:05	0.25/5min	1.25	20.5	0.06	2995	6.23	-158.4	44.25	6.0	
10:10	0.25/5min	1.5	20.5	0.05	2941	6.23	-154.7	48.08	6.0	
10:15	0.25/5min	1.75	20.5	0.03	2984	6.24	-160.9	45.81	6.0	
Sample 10:17										
Light Brown / No color / No sheen										

Total 1.75

Gallons Purged

Purge Time Start: 9:40

Purge Time End: 10:15

Final Static Water Level: 6.0

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

only reads specific conductivity

5 McCrea Hill Rd.
Ballston Spa, New York 12020
Telephone: (518) 885-5383

WELL I.D.: MW-13

Project Name:	Newton Plaza LLC
Location:	Latham, NY
Project No.:	2243806.05
Sampled By:	M. ONZ. II
Date:	10-7-24
Weather:	Mid 60°F Part cloudy Lt breeze

WELL SAMPLING INFORMATION

Well Diameter: 2 inch
Depth of Well: 14.56
Measuring Point: TOC
Pump Type: Peristaltic

Static Water Level:	6.25
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	MLW-13 1014

FIELD PARAMETER MEASUREMENT

[illegible]

Total ~ 2.3 Gallons Purged

Purge Time Start: 936 Purge Time End: 1011 Final Static Water Level: 6.46

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

Celer - brown

No order

No 56226

$$\frac{455 = 240 \text{ mL} = 0.08 \text{ g/mL}}{320 \text{ mL/mL}}$$

5 McCrea Hill Rd.
Ballston Spa, New York 12020
Telephone: (518) 885-5383

WELL I.D.: MW-14

Project Name:	Newton Plaza LLC
Location:	Latham, NY
Project No.:	2243806.05
Sampled By:	Casey Belden
Date:	10/8/24
Weather:	Partly cloudy, 65°F

WELL SAMPLING INFORMATION

Well Diameter:	2"
Depth of Well:	13.74'
Measuring Point:	TOC
Pump Type:	Peristaltic

Static Water Level:	6.58'
Tubing Type:	HDPE and Silicone
Decon Method:	Alconox and water rinse
Sample ID and Time	

FIELD PARAMETER MEASUREMENT

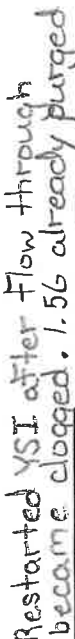
[illegible]

Total	1,56	Gallons Purged
-------	------	----------------

Purge Time Start: 1340 Purge Time End: 1410 Final Static Water Level: 6.67'

OBSERVATIONS

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.



WELL I.D.: MV-14

Weather: Sunny, 64°F

Well Diameter:	2"
Depth of Well:	13.74'
Measuring Point:	TOC
Pump Type:	Peristaltic

Sample ID and Time

Alconox and water rinse

[illegible]

6.69

Record color, odor and sheen observations here. Be certain to disconnect from the flow through cell and only sample directly from the pump.

- Color → Clear, no odor, moderate sheen present.



Attachment 4

NYSDOH Structure Sampling Questionnaires

ATTACHMENT_4 Restaurant 14 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Restaurant and bar

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1

Building age 1988

Is the building insulated? ☒ Y / N

How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Some minor cracks in concrete floor. Large crack in bathroom floor. Floor drains.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good where visible.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Restaurant and bar

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? kitchen

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y ☐ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

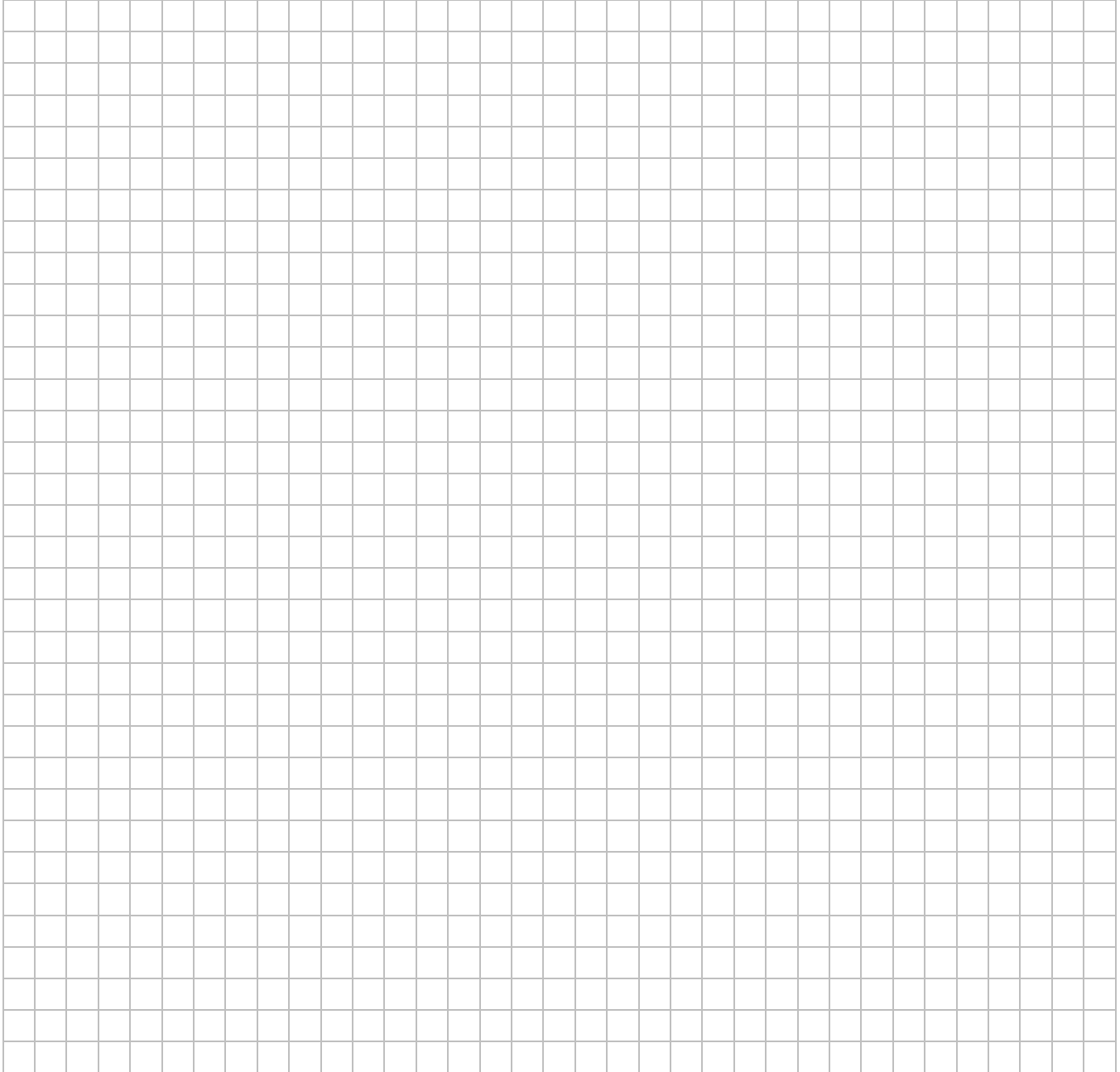
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Rae Systems PPB

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Clothing Store

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in floor _____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Drop ceiling covers duct work.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Clothing Store

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? Mr. Clean, antibac ☒ +

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well ☐ Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well ☐ Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

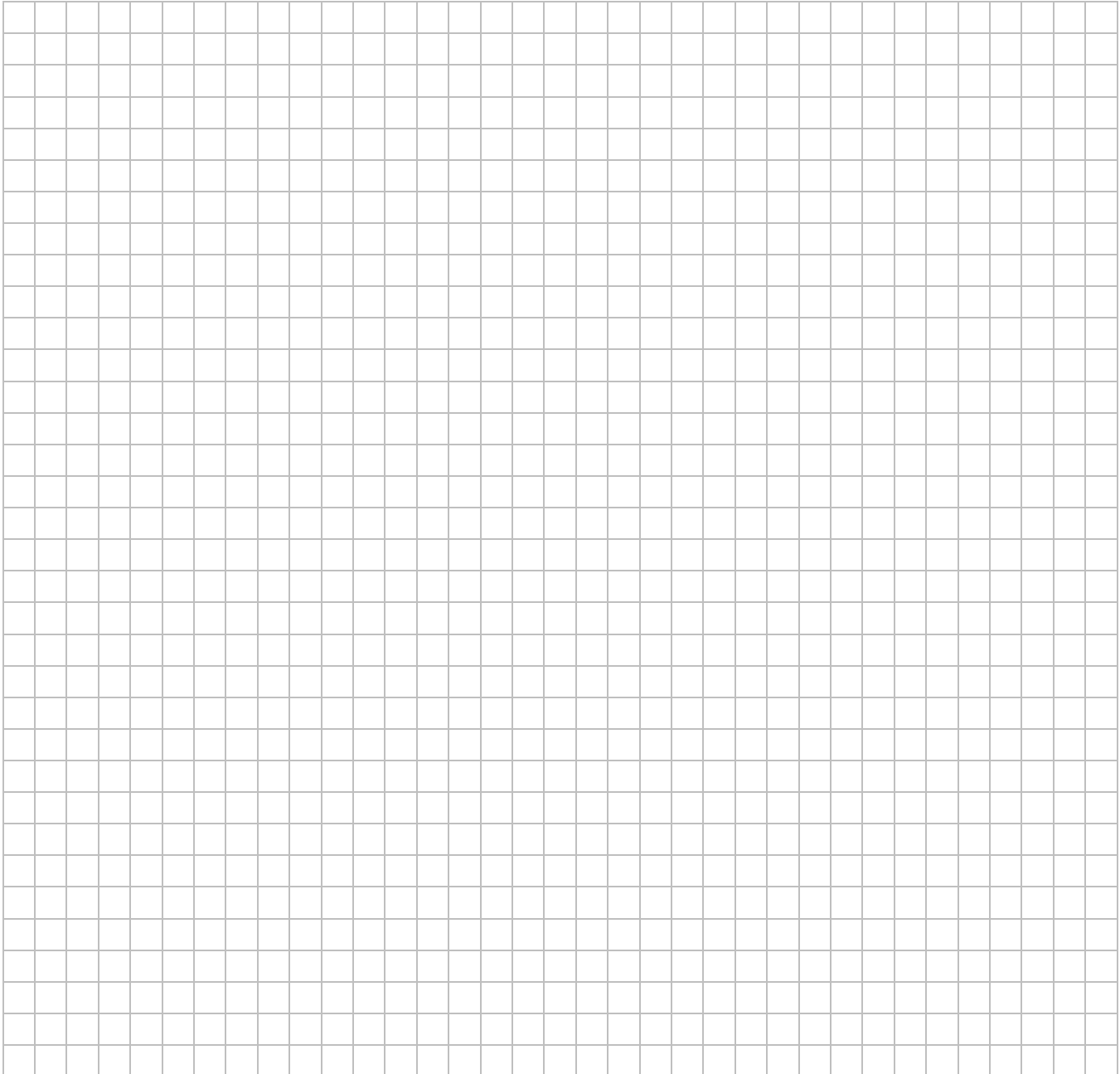
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

Make & Model of field instrument used: Rae Systems PPB

[illegible]

BTS\Sections\SIS\Oil Spills\Guidance Docs\Aiproto4.doc



Mr. Clean Antibacterial Summer Citrus

DATE: 12/5/2024

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
Alcohols, C9-11, ethoxylated	-	No	68439-46-3	1 - 5
Sodium carbonate	-	No	497-19-8	1 - 5

Mr. Clean Antibacterial Summer Citrus Contents from Material Safety Data Sheet
DATE: 12/5/2024

ATTACHMENT_4 Florist 5 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

☒ Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) flower shop

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom, 4 inches.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good condition where visible, vents in ceiling.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor flower shop

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y / ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? ☒ Y N Where & Type? prep flowers
- g. Is there smoking in the building? Y / ☒ N How frequently? _____
- h. Have cleaning products been used recently? Y / ☒ N When & Type? _____
- i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

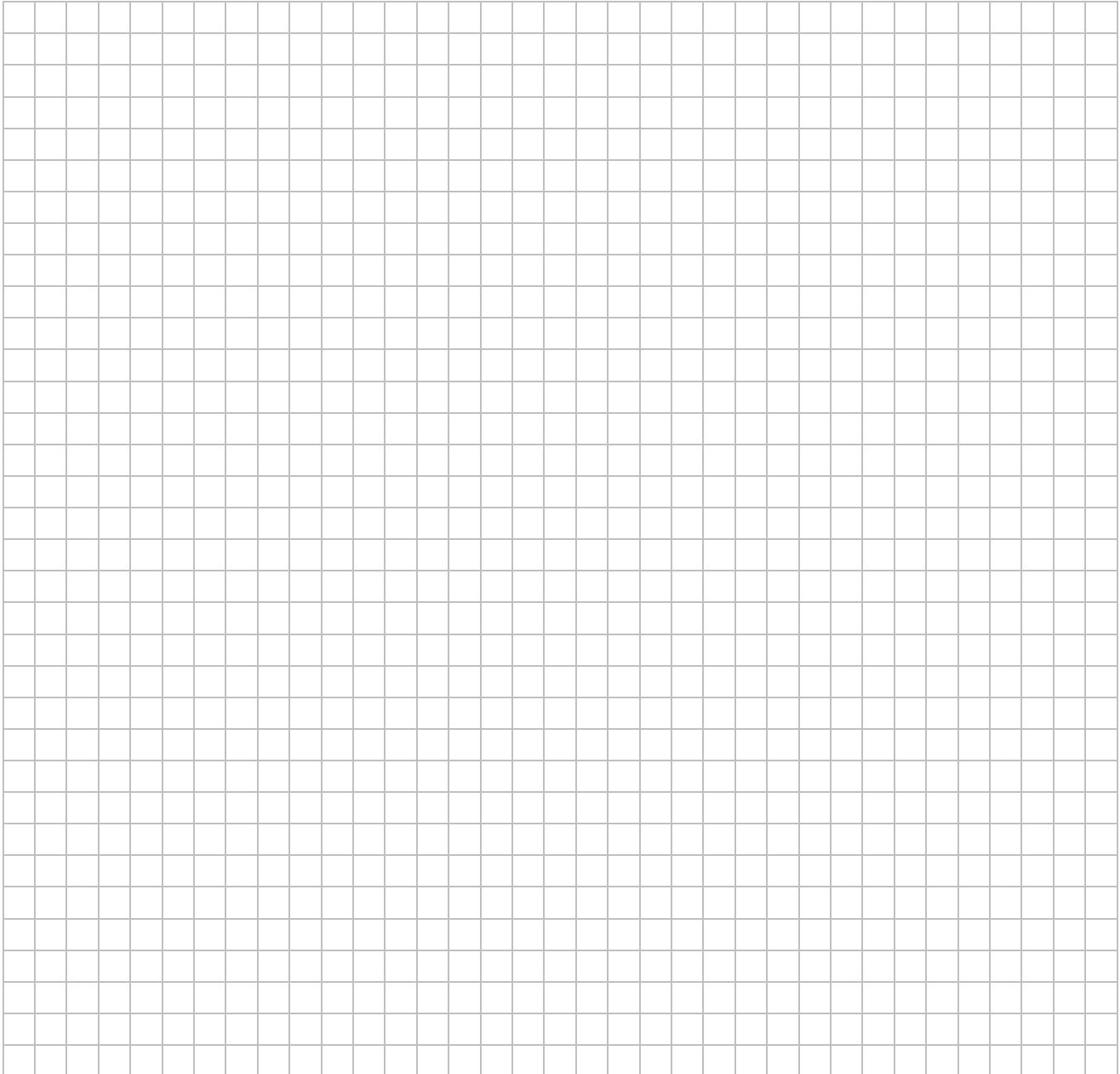
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Rae Systems PPB

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y / N</u>
back room	Miracle Grow Plant Food	1 box		see photo log		Y

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.



Miracle Grow Plant Food

DATE: 12/4/2024

Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Chemical name : Not applicable.
Other means of identification : Not available.

Ingredient name	%	CAS number
Boric acid	$\geq 0.1 - < 0.3$	10043-35-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Miracle Grow Plant Food Contents from Material Safety Data Sheet

DATE: 12/4/2024

ATTACHMENT_4 Realtor 9 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Bank

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1

Building age 1988

Is the building insulated? (Y) / N

How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in floor. _____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | |
|----------------------------|------------------|---------------------------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard |
| Space Heaters | Stream radiation | Radiant floor |
| Electric baseboard | Wood stove | Outdoor wood boiler Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

All covered with drop ceiling

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Bank

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y / ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____
- g. Is there smoking in the building? Y / ☒ N How frequently? _____
- h. Have cleaning products been used recently? Y / ☒ N When & Type? _____
- i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

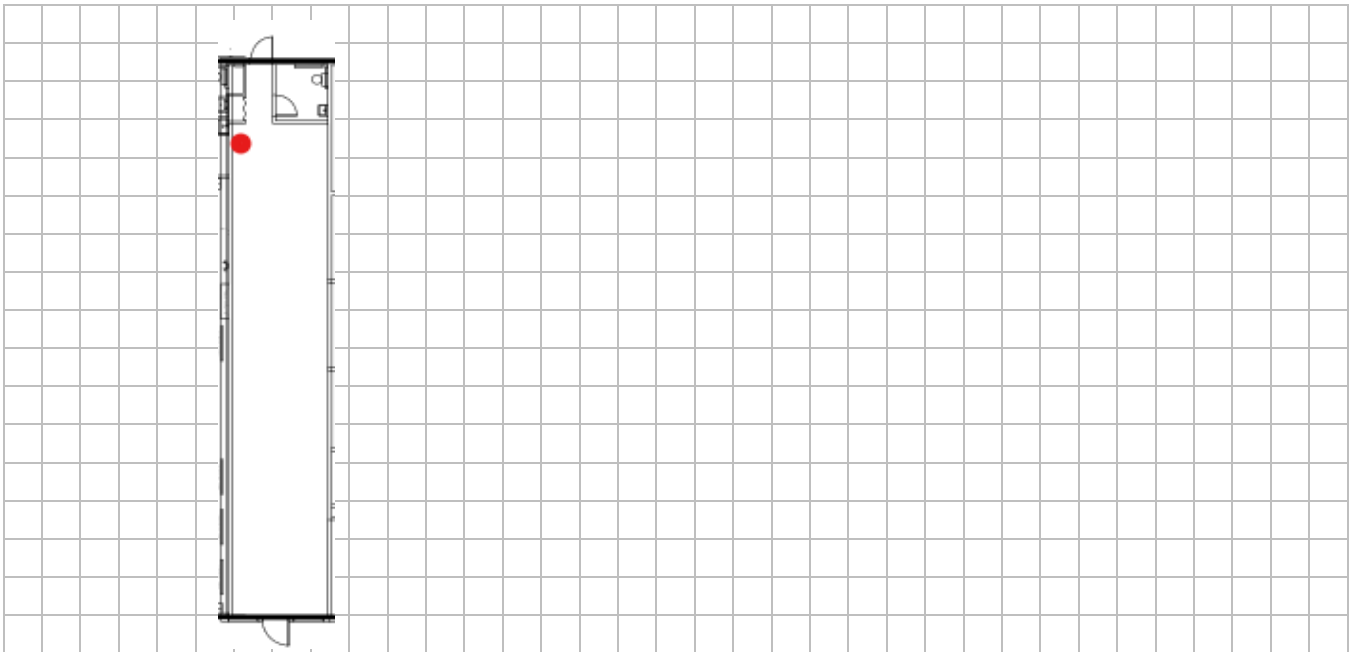
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

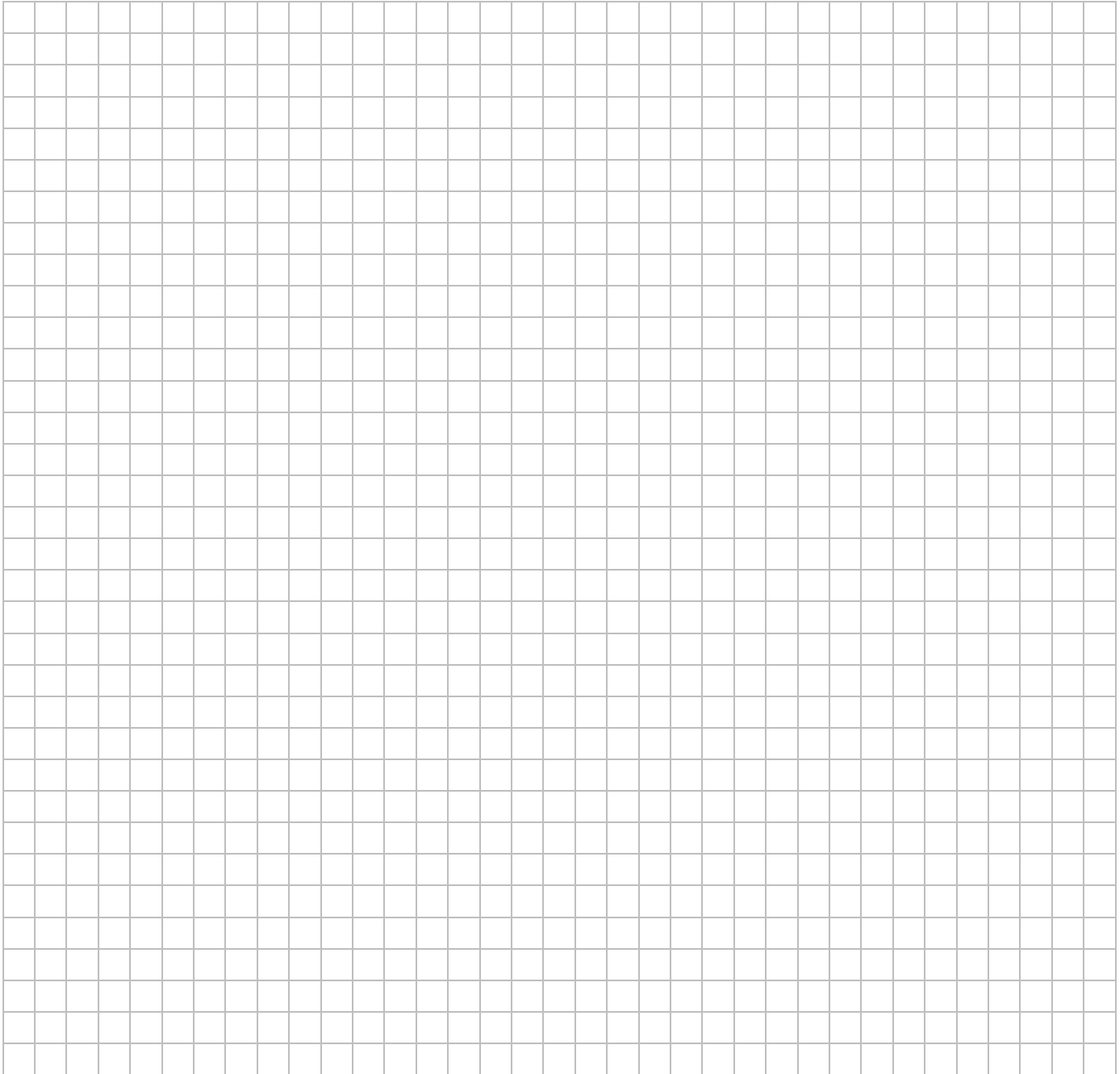
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) News stand

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom, 4 inch.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Not visible

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor News stand

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? Y / ☒ N When & Type? _____

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

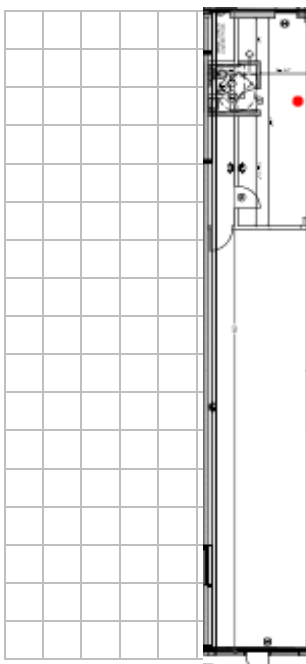
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

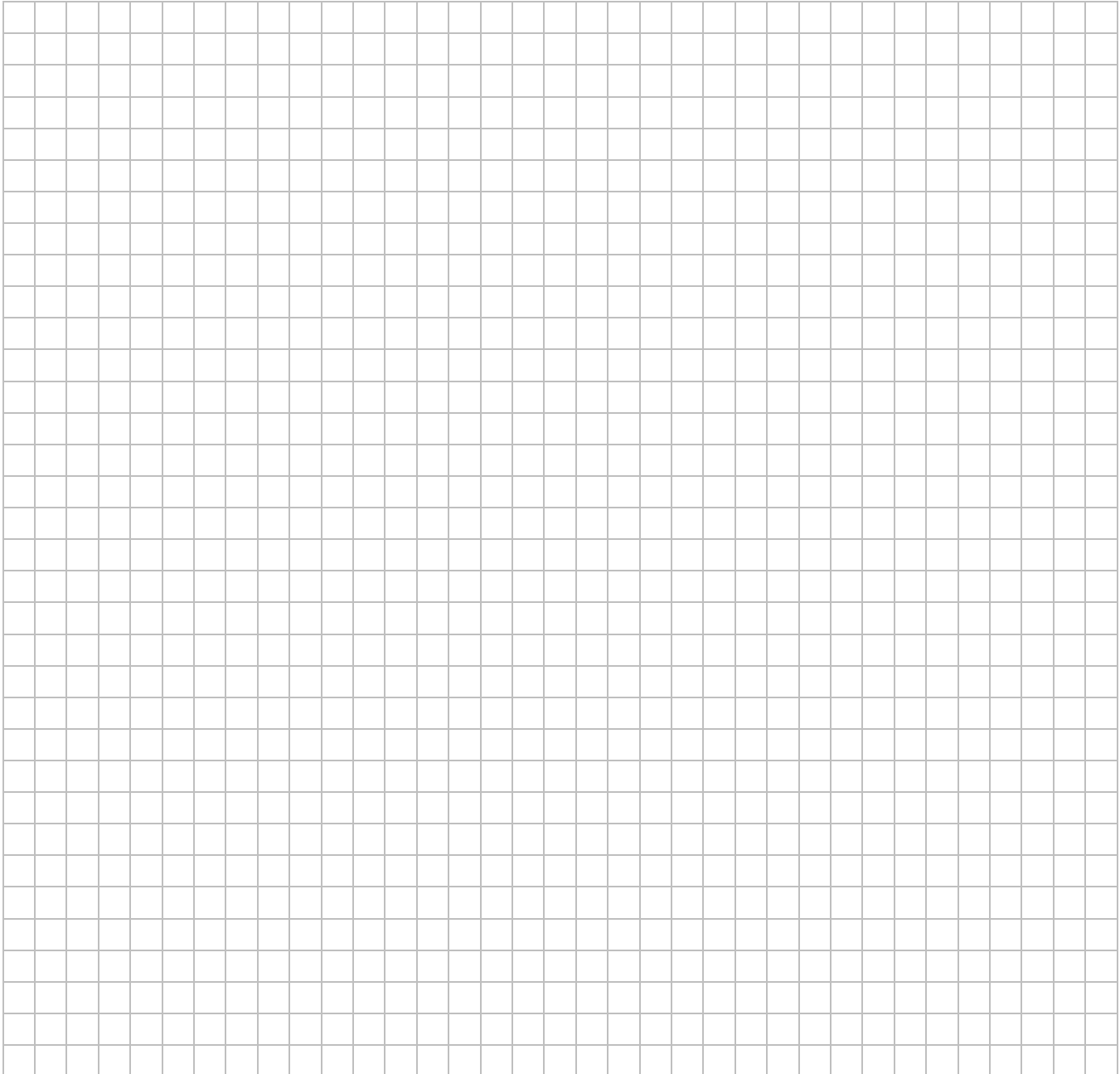
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Pharmacy 23 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Pharmacy "CVS"

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Some cracks in concrete floor.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Not visible duct work.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Pharmacy

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y / ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____
- g. Is there smoking in the building? Y / ☒ N How frequently? _____
- h. Have cleaning products been used recently? Y / ☒ N When & Type? _____
- i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

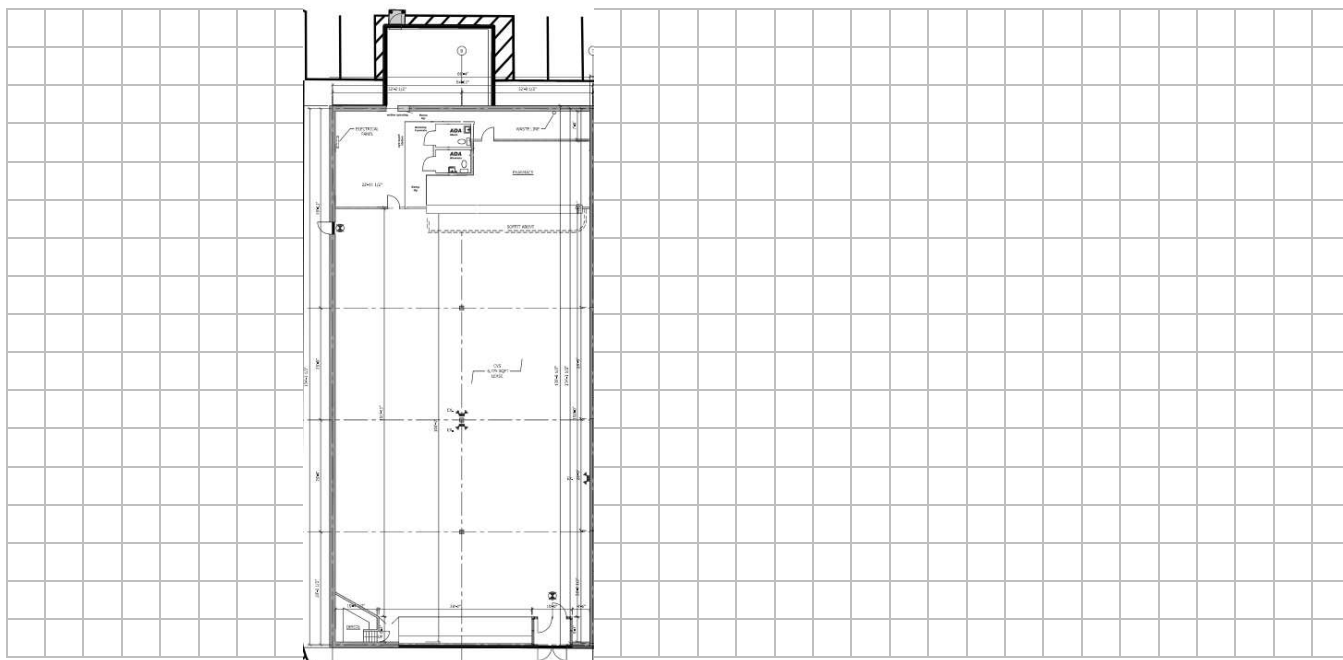
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

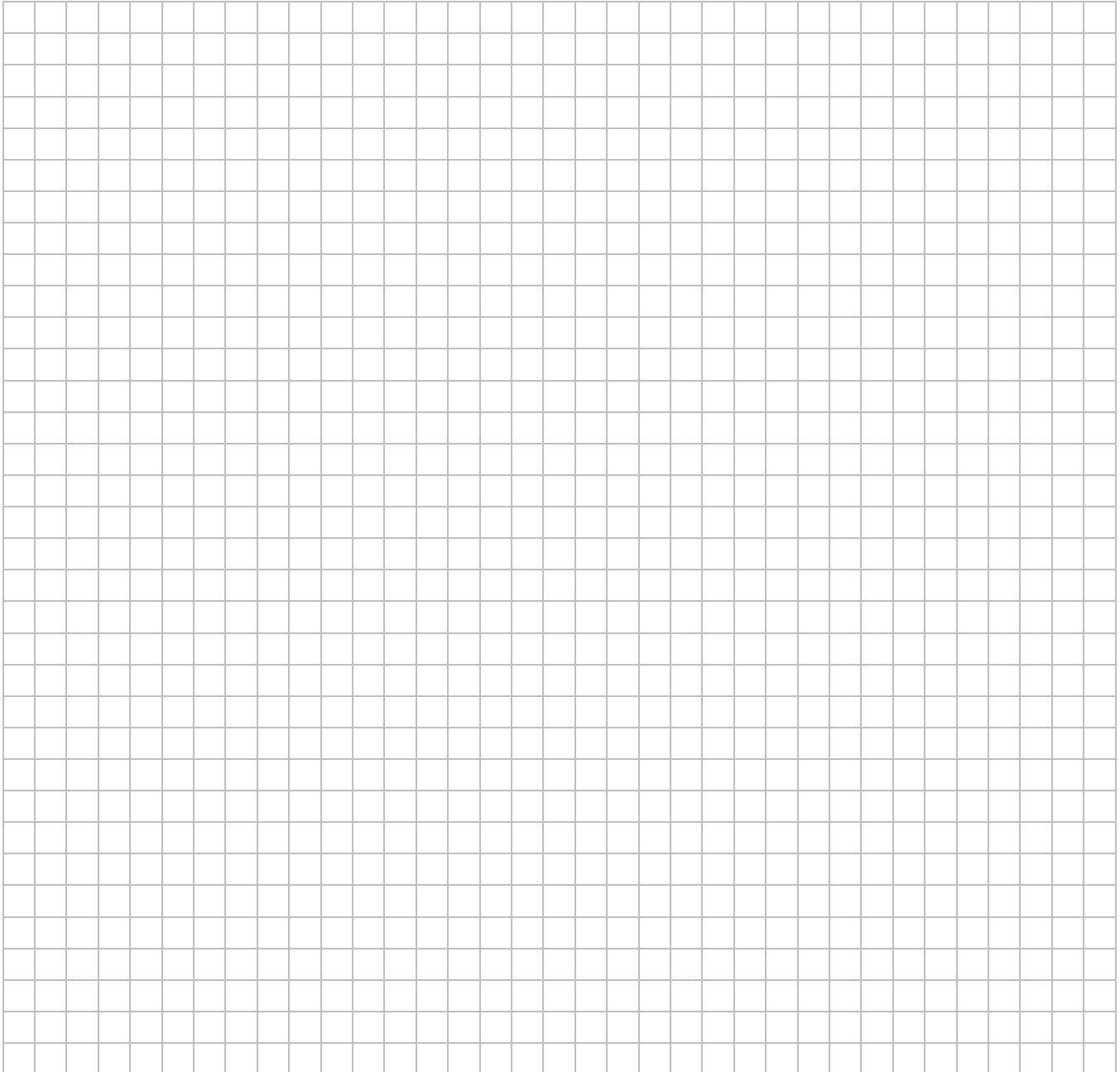
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Retail Clothing 17 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Clothing Store

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drains in floor.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good condition where visible.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Clothing Store

2nd Floor No second floor

3rd Floor

4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? Y / ☒ N When & Type? _____

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

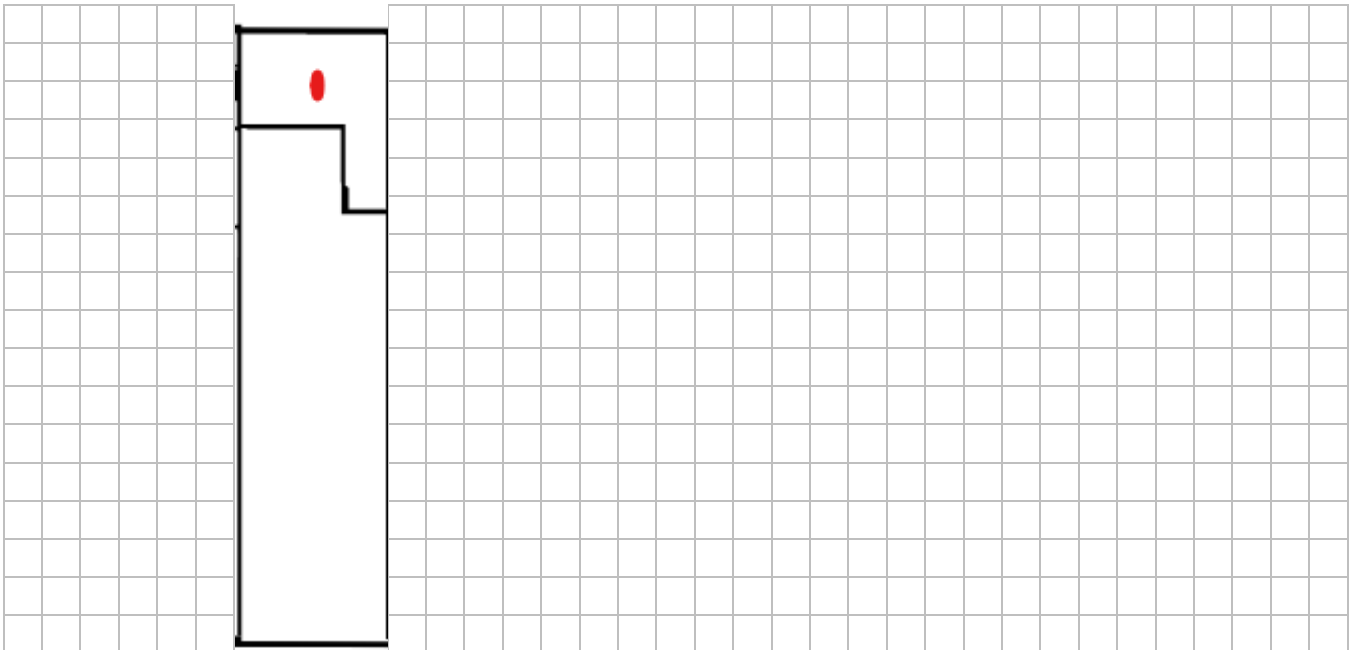
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

13. PRODUCT INVENTORY FORM**Make & Model of field instrument used:** Rae Systems PPB**List specific products found in the residence that have the potential to affect indoor air quality.**

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y / N</u>
	None					

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT_4 Retail Clothing 7 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Clothing Store

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in floor. _____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

$$\mathbb{Y}/N$$

Good condition where visible.

Is basement/lowest level occupied?	Full-time	Occasionally	Seldom	Almost Never
------------------------------------	-----------	--------------	--------	--------------

Basement	No basement
----------	-------------

1st Floor Clothing Store

2 nd Floor	<u>No second floor</u>
-----------------------	------------------------

3rd Floor

4th Floor _____

a. Is there an attached garage?

$$Y/\mathbb{N}$$

b. Does the garage have a separate heating unit?

Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)

Y / N / **NA**

Please specify_____

d. Has the building ever had a fire?

Y ☒ N ☐ When? _____

e. Is a kerosene or unvented gas space heater present?

Y N Where? _____

f. Is there a workshop or hobby/craft area?

Y ☒ N ☐ Where & Type? _____

g. Is there smoking in the building?

Y ☒ N ☐ How frequently? _____

h. Have cleaning products been used recently?

Y / ~~N~~ When & Type? _____

i. Have cosmetic products been used recently?

Y ☒ N ☐ When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

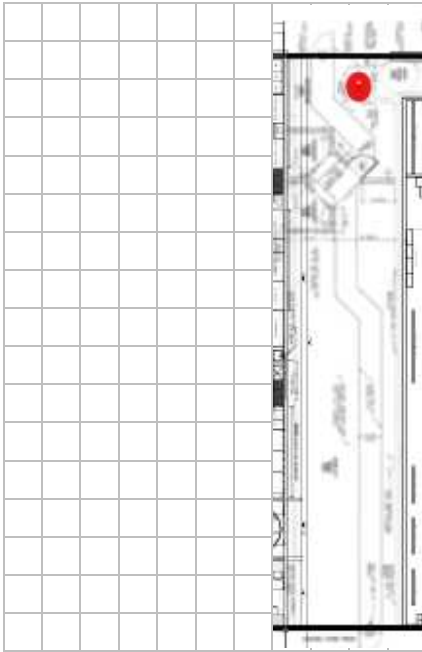
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Salon 10 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Hair Salon

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Vent for dryer. Back door seems to have a good seal.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | |
|----------------------------|------------------|---------------------------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard |
| Space Heaters | Stream radiation | Radiant floor |
| Electric baseboard | Wood stove | Outdoor wood boiler Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Vents in ceiling. Drop ceiling - not able to see duct work.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Hair Salon

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? Clean salon tools

i. Have cosmetic products been used recently? ☒ Y / ☐ N When & Type? Daily

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of building
- o. Is there a clothes dryer? ☒ Y N If yes, is it vented outside? ☒ Y N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work? ☒ Y N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? Acetone

If yes, are their clothes washed at work?

☒ Y N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

No

☒ Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

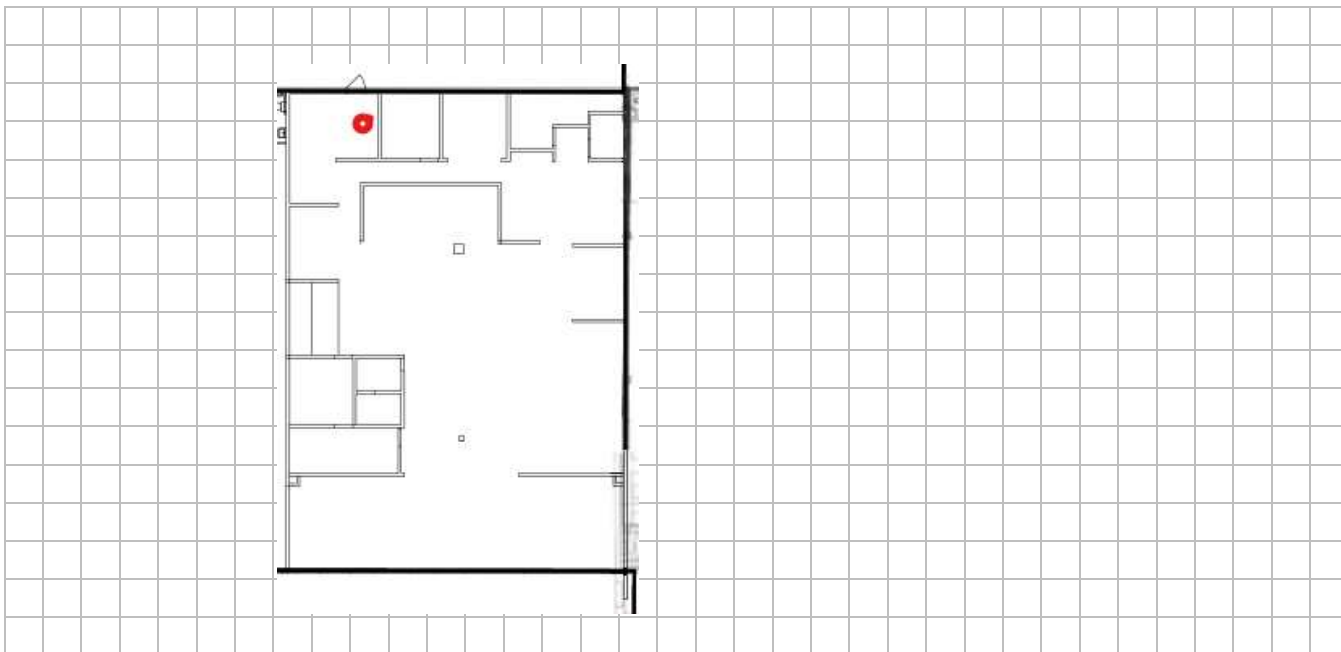
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

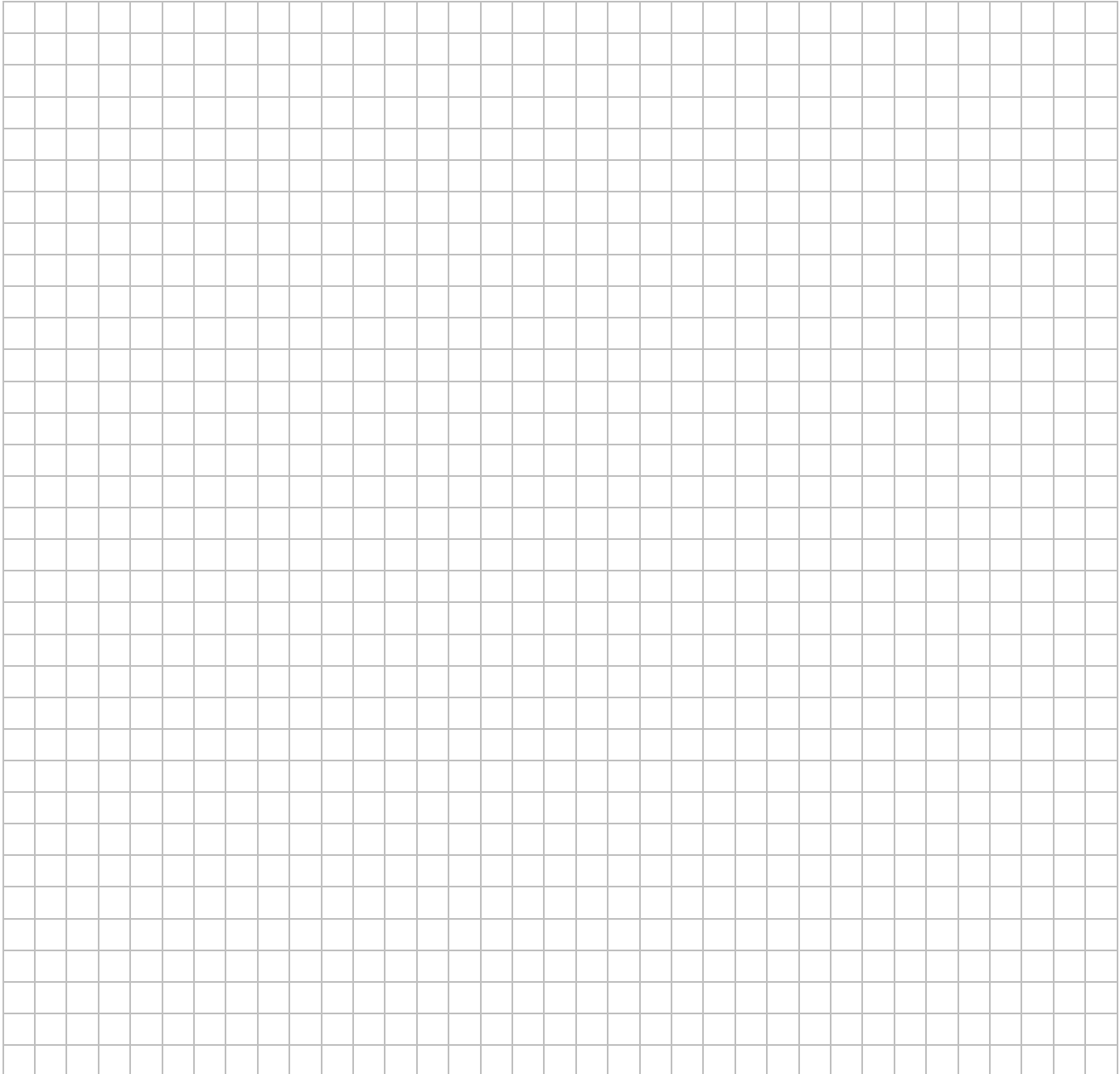
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**



Hair Care Products

DATE: 12/4/2024



Hair Care Products

DATE: 12/4/2024



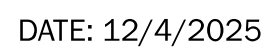
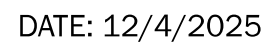
Hair Care Products

DATE: 12/4/2024



Hair Care Products

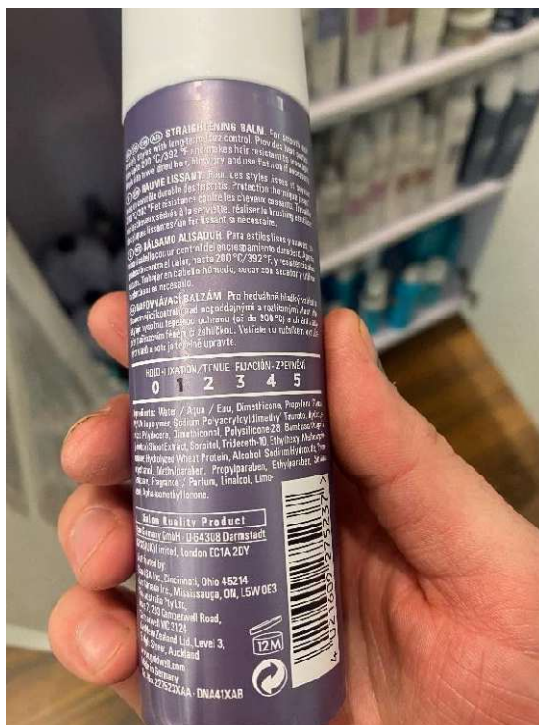
DATE: 12/4/2024





GOLDWELL STYLESIGN Straightening Balm

DATE: 12/4/2025



DATE: 12/4/2025



DATE: 12/4/2025



GOLDWELL STYLESIGN Working Hairspray Contents

DATE: 12/4/2025



ORIBE Superfine Strong Hair Spray

DATE: 12/4/2025



ORIBE Superfine Strong Hair Spray Contents

DATE: 12/4/2025



ORIBE Thick Dry Finishing Spray

DATE: 12/4/2025



ORIBE Thick Dry Finishing Spray Cotents

DATE: 12/4/2025



Davines Medium Hairspray

DATE: 12/4/2025



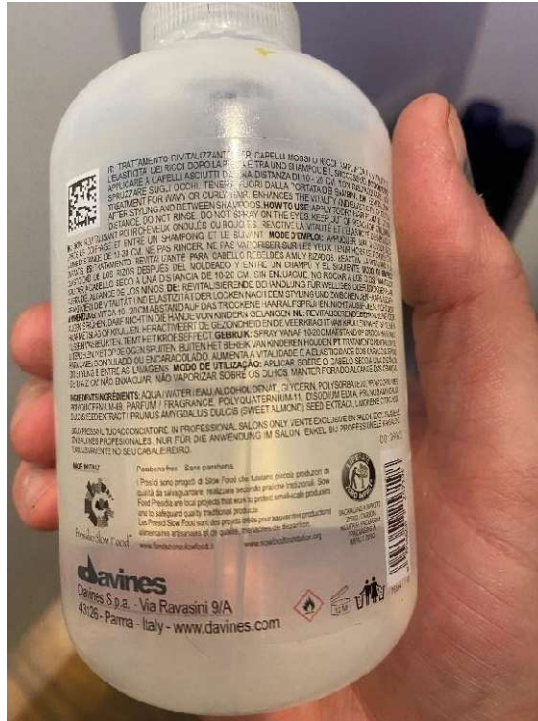
Davines Medium Hairspray Contents

DATE: 12/4/2025



Davines Curl Revitalizer

DATE: 12/4/2025



Davines Curl Revitalizer Contents

DATE: 12/4/2025



Hair Care Products

DATE: 12/4/2025



Hair Care Products

DATE: 12/4/2025



Hair Care Products

DATE: 12/4/2025

ATTACHMENT_4 Retail Clothing 13 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Clothing & Apparel

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Floor drain in bathroom, has cracks.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good where visible.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Clothing Store

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? Y / ☒ N When & Type? _____

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

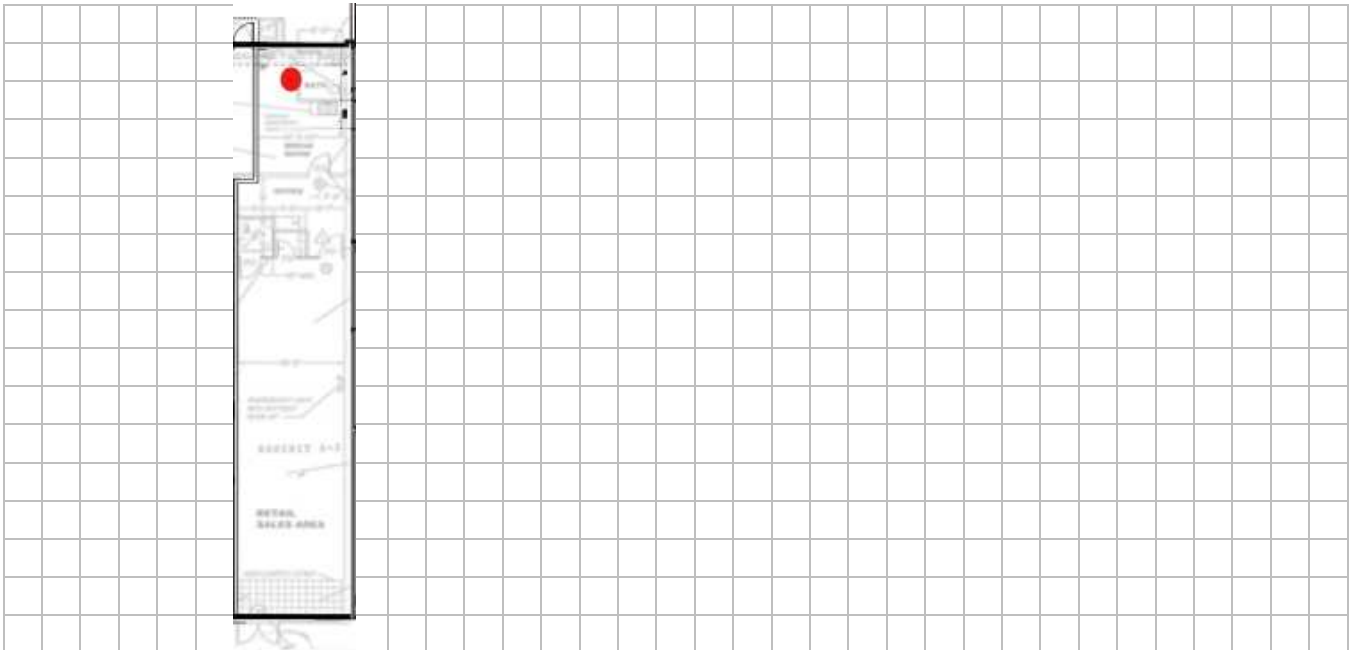
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

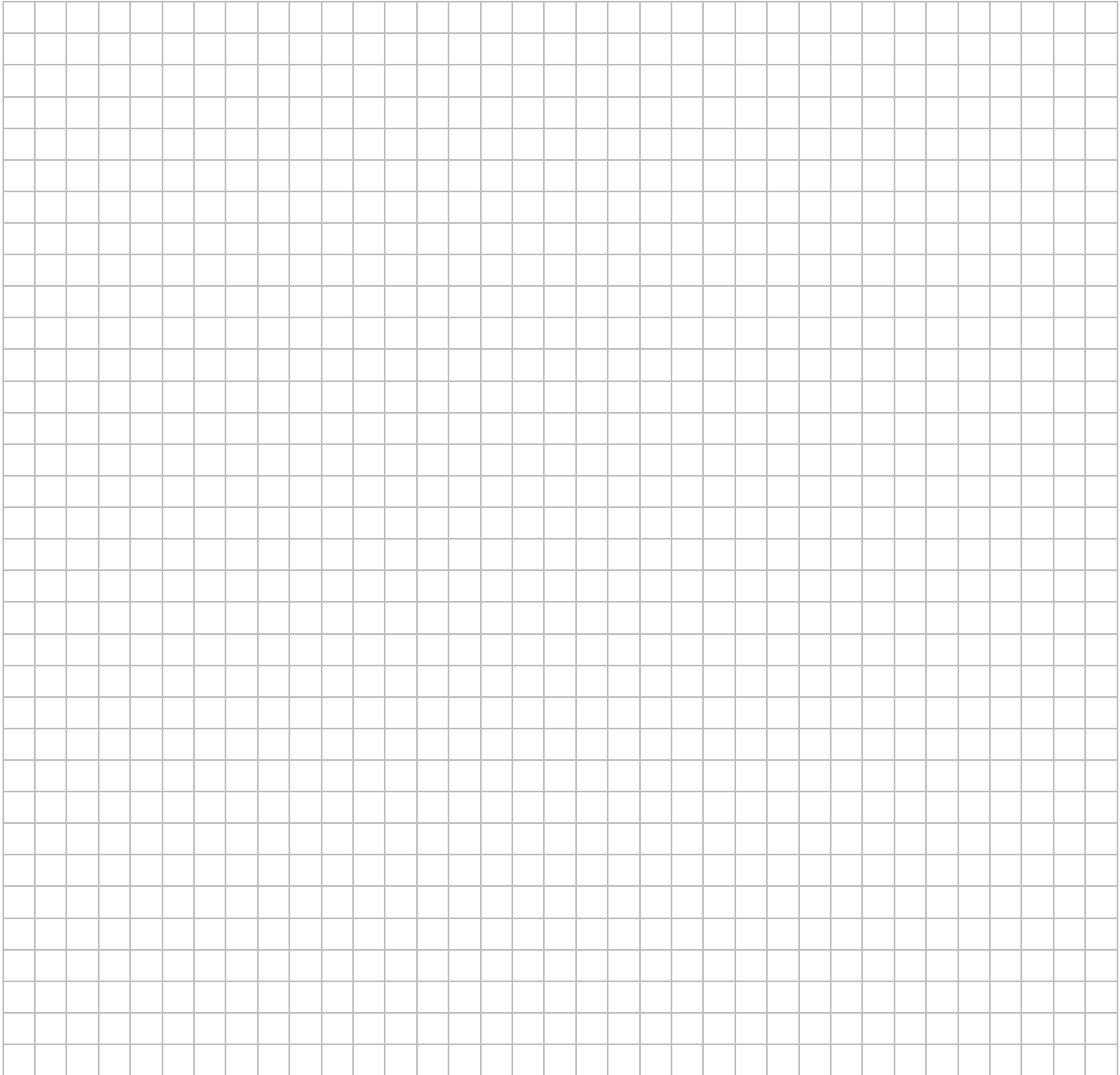
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Retail Clothing 8 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: **Y** / **(N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: **(Y)** / **N**

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Clothing Store

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drains in floor. _____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Good condition where visible.

Basement	No basement
1 st Floor	Clothing Store
2 nd Floor	No second floor
3 rd Floor	
4 th Floor	

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y / ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____
- g. Is there smoking in the building? Y / ☒ N How frequently? _____
- h. Have cleaning products been used recently? Y / ☒ N When & Type? _____
- i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

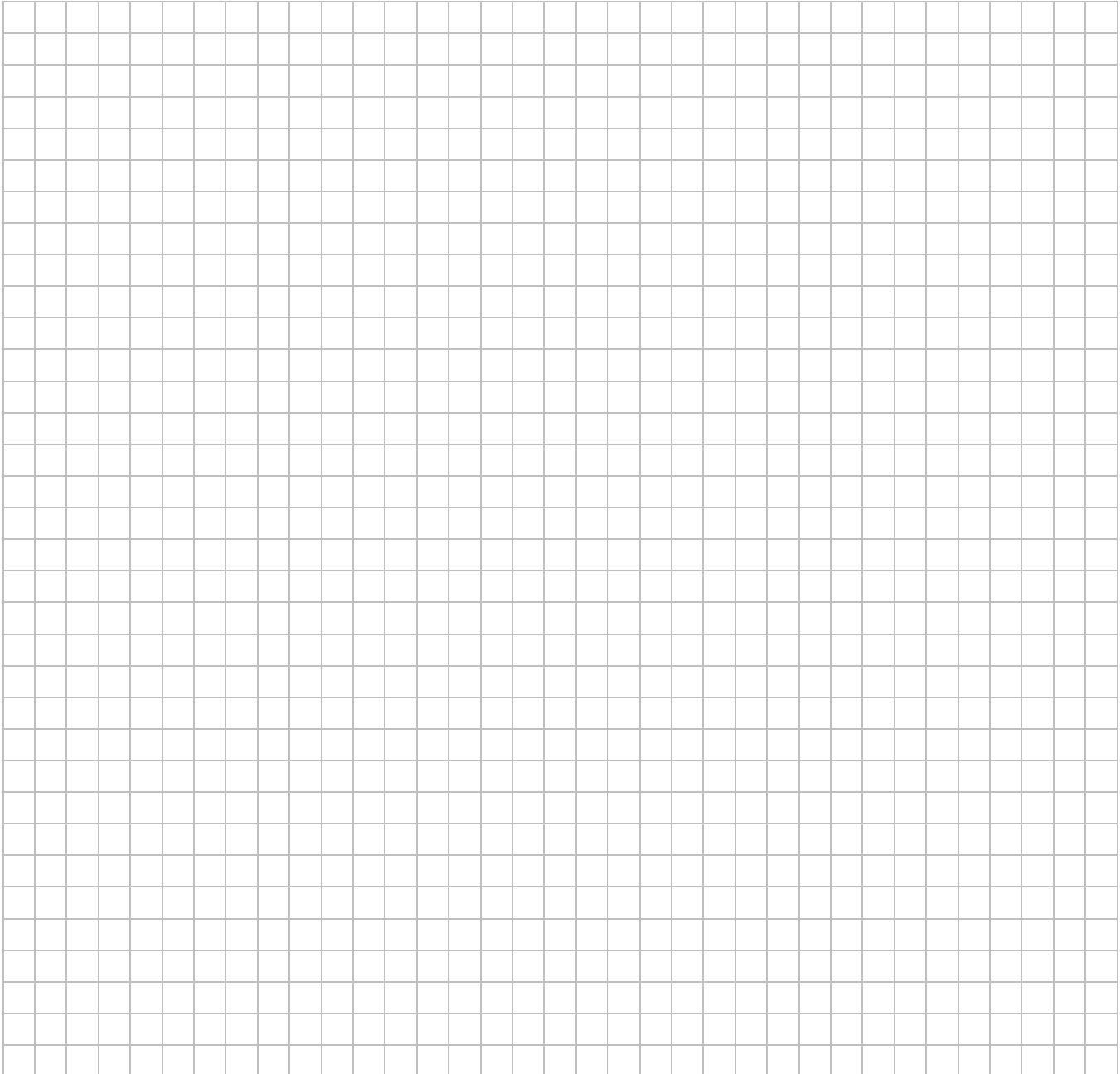
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Rae Systems PPB

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y / N</u>
	None					

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT_4 Pizza Shop 6 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Pizza Shop

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1

Building age 1988

Is the building insulated? ☒ Y / N

How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Floor drains in bathroom covered but not airtight

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good condition where visible.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Store front / Kitchen

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? kitchen cleaning n⁺

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y N If yes, where vented? back of build 
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of build 
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

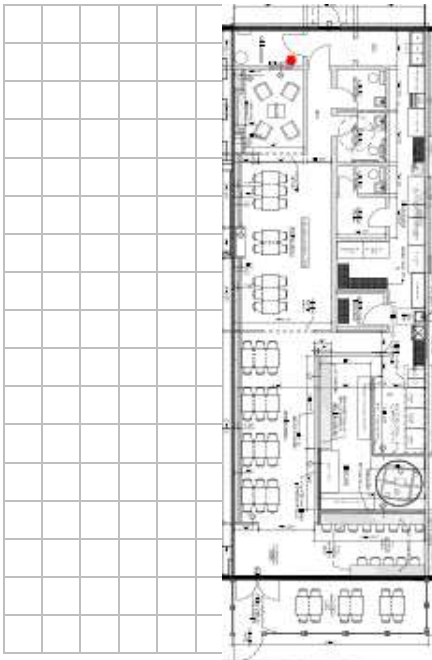
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

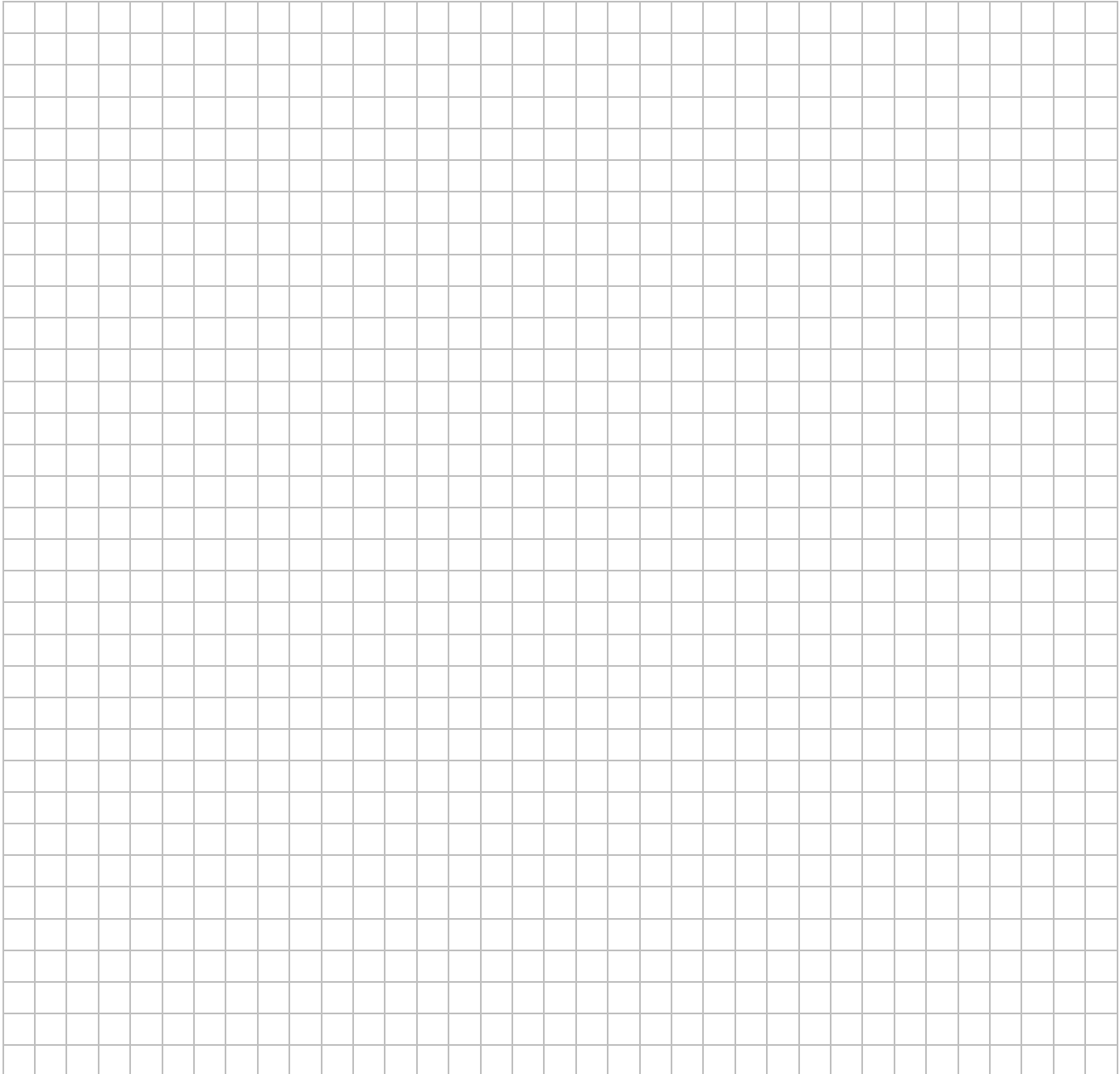
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Restaurant 11 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Resturant

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drains in floor, kitchen and bathroom 3-4 inch.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good condition where visible.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Resturant

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? kitchen cleaning p+

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y N If yes, where vented? back of build ☒ +
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of build ☒ +
- o. Is there a clothes dryer? ☒ Y N If yes, is it vented outside? ☒ Y N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

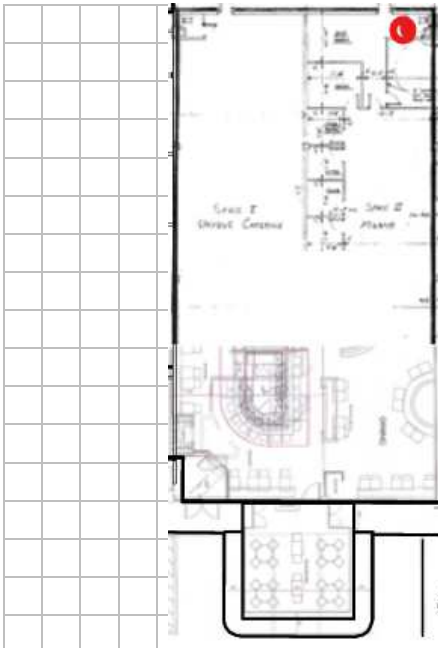
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

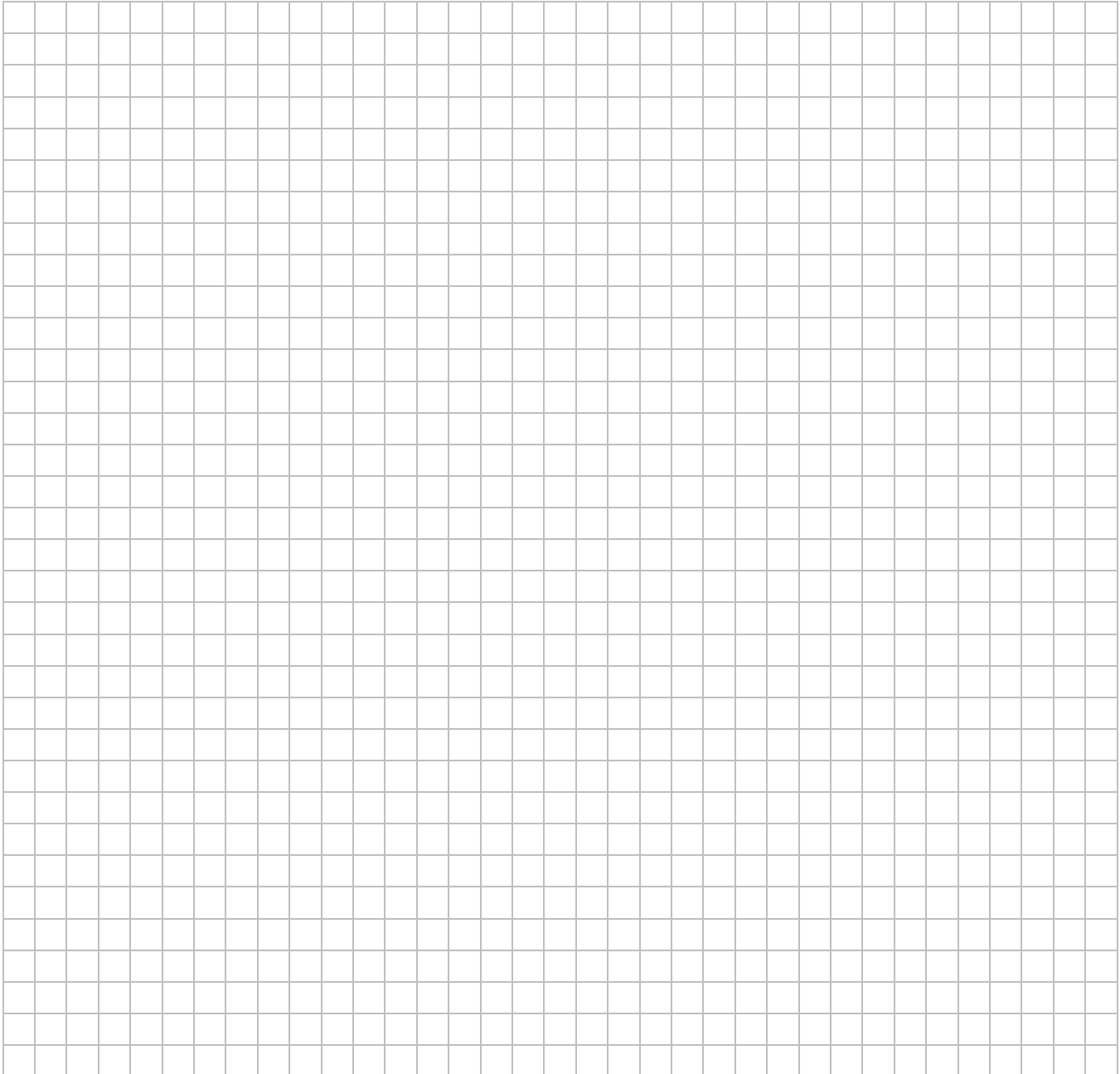
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Retail Store 20 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Art Gallery

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom and workshop floor.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good where visible

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Art Gallery and workshop

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y / ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? ☒ Y N Where & Type? picture framing ar ☒ +
- g. Is there smoking in the building? Y / ☒ N How frequently? _____
- h. Have cleaning products been used recently? ☒ Y N When & Type? floor cleaner / Gur ☒ +
- i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

☒ Y N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? WD-40 and Gum-Out

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

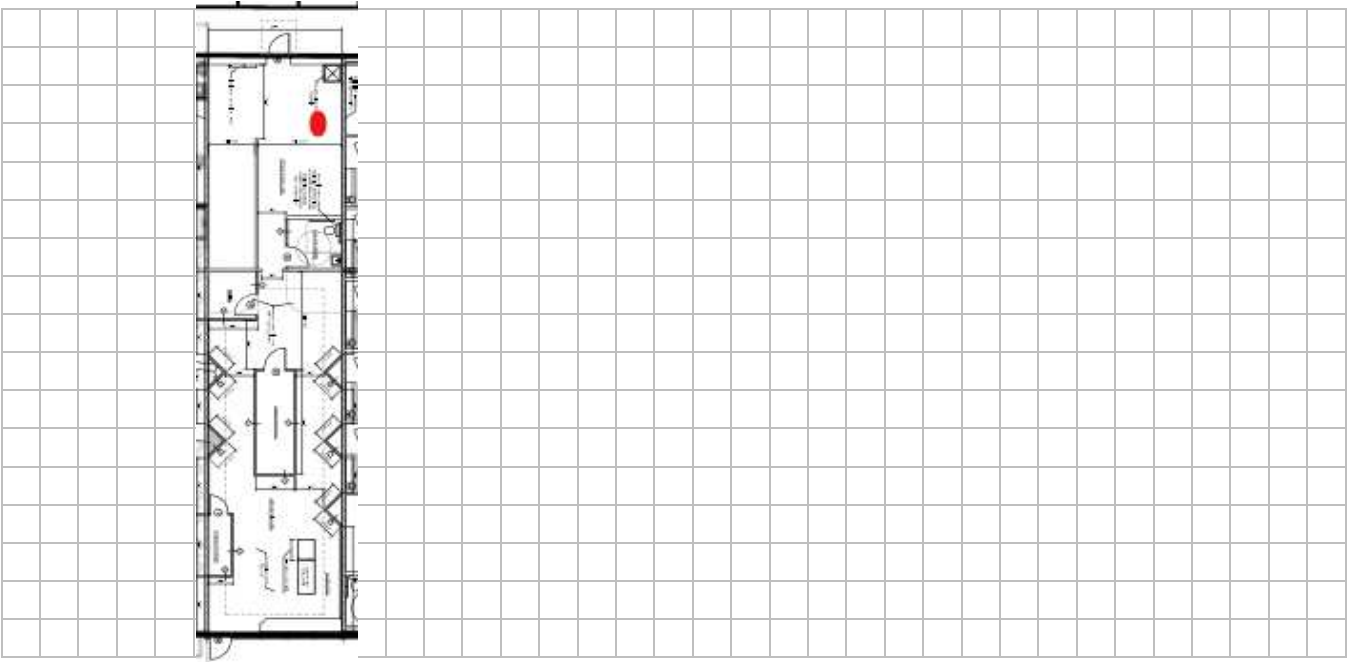
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

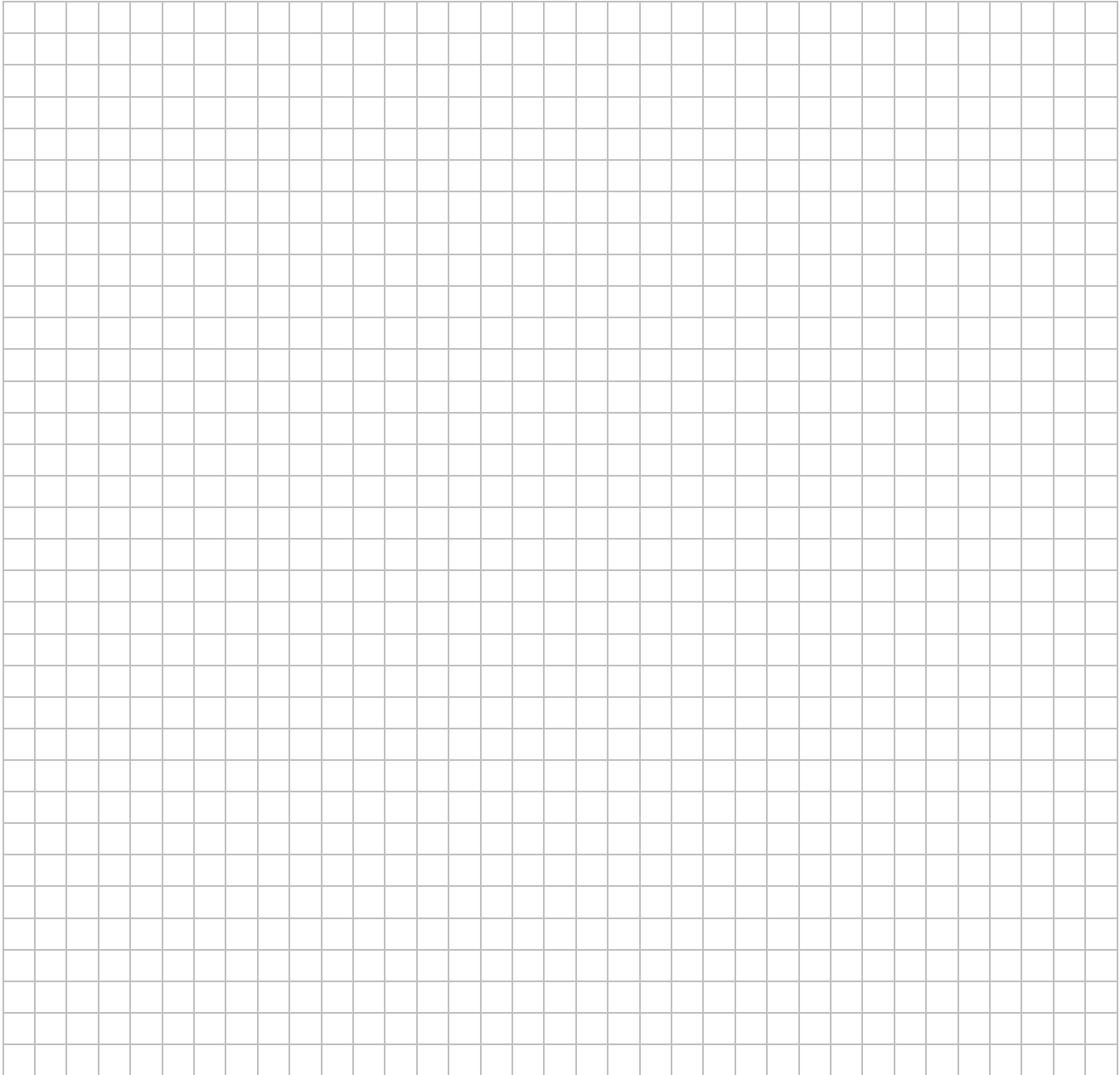
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Rae Systems PPB

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y / N</u>
	Gumout			See Photo Log		Y
	WD-40			See Photo Log		Y

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.



ATTACHMENT_4 Retail Store 20 DOH questionnaire



Gumout All in One

DATE: 12/5/2024

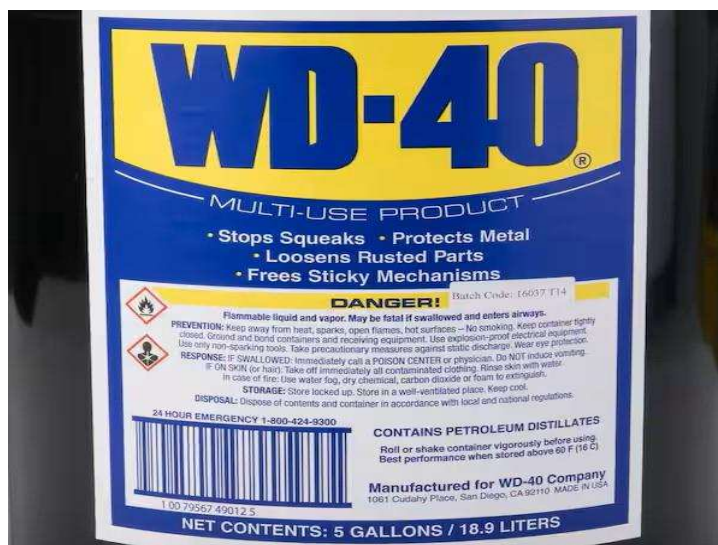
3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	30 - 60
Polyetheramine	TRADE SECRET	10 - 30
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	3 - 7
Heavy aromatic solvent naphtha	64742-94-5	1 - 5
Naphthalene	91-20-3	0.1 - 1

**The components states the cas number and percentage has been withheld as a trade secret.

Gumout Composition From Material Safety Data Sheet

DATE: 12/5/2024



WD-40 Product Label

DATE: 12/5/2024

3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	Substance Classification
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	>60%	Flam. Liq. Cat 3 (H226) Asp. Tox. Cat 1 (H304)
Distillates, Hydrotreated Heavy Paraffinic (contains <3% DMSO)	64742-54-7	10-20%	Not Hazardous
Non-Hazardous Ingredients	Mixture	>10%	Not Hazardous
1,2,4-Trimethyl benzene	95-63-6	<10%	Flam. Liq. Cat 3 (H226) Acute Tox. Cat 4 (H332) Eye Irrit. Cat 2 (H319) Skin Irrit. Cat 2 (H315) STOT SE Cat 3 (H335) Aq. Chronic Cat 2 (H411)
1,3,5-Trimethyl benzene	108-67-8	<10%	Flam. Liq. Cat 3 (H226) STOT SE Cat 3 (H335) Aq. Chronic Cat 2 (H411)
Xylene, Mixed Isomers	1330-20-7	<10%	Flam. Liq. Cat 3 (H226) Acute Tox. Cat 4 (H312) Acute Tox. Cat 4 (H332) Skin Irrit. Cat 2 (H315)
Carbon Dioxide	124-38-9	2-4%	Not Hazardous
Surfactant	Proprietary	<1%	Eye Dam. Cat 1 (H318) Skin Irrit. Cat 2 (H315)

WD-40 Composition

DATE: 12/5/2024

ATTACHMENT_4 Medical 19 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Urgent Care / Doctors Office

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

No ductwork visible, drop ceiling.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Urgent Care / Doctors Office

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? Lysol daily

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y N If yes, where vented? back of building
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

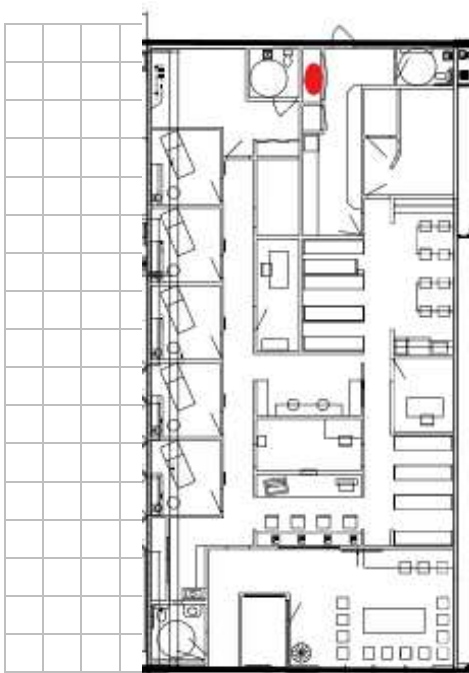
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

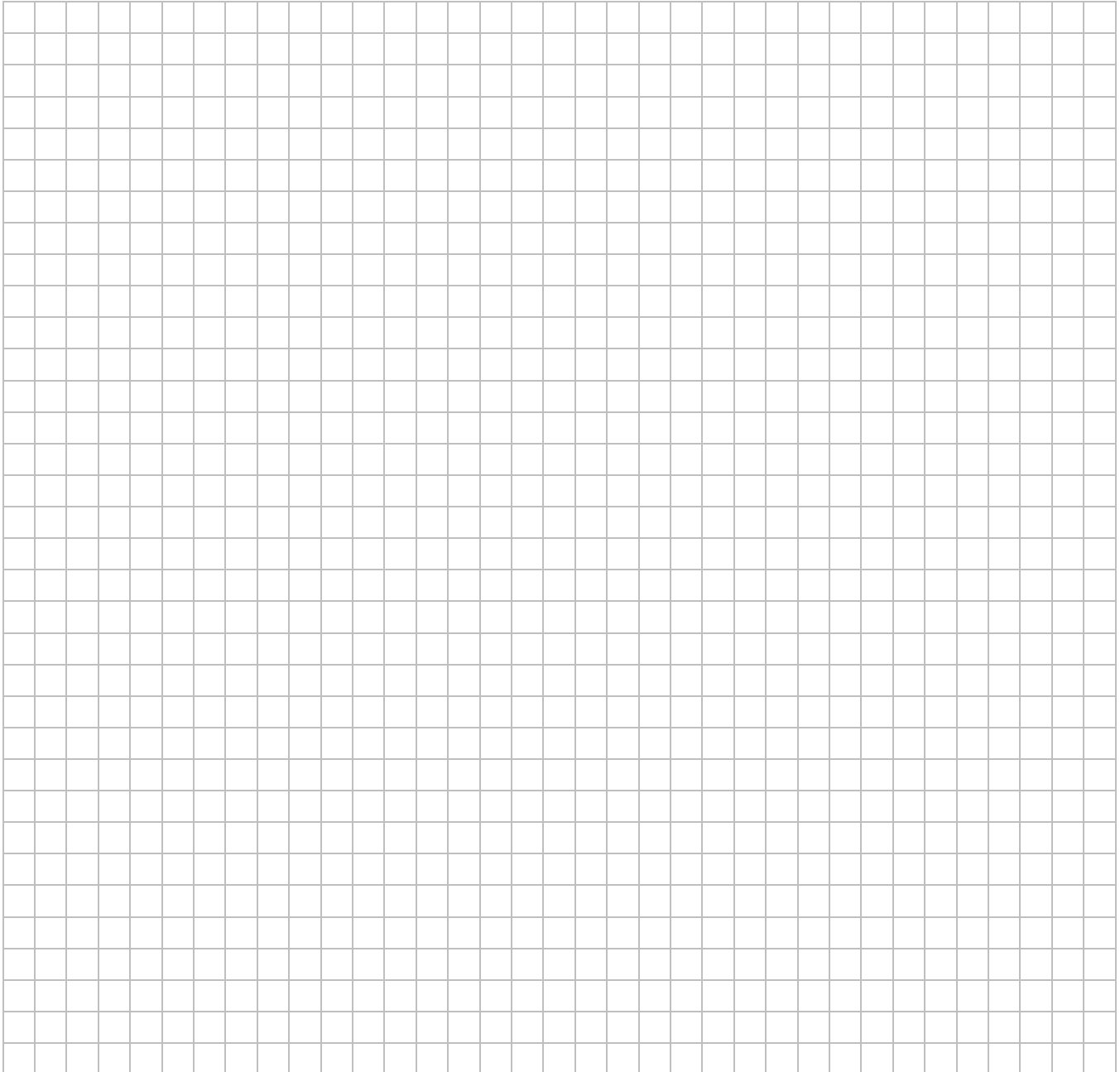
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**



Lysol Disinfectant Spray

DATE: 12/5/2024

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Ethanol	64-17-5	40 - 60
Butane	106-97-8	2.5 - 10
Propane	74-98-6	1 - 2.5
Alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium saccharinate	Not Applicable	0 - 0.1

Lysol Disinfectant Spray Contents from Material Safety Data Sheet

DATE: 12/5/2024

ATTACHMENT_4 Liquor Store 16 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) liquor store

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

~1.5x1.5 feet opening in floor for water main

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | |
|----------------------------|------------------|---------------------------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard |
| Space Heaters | Stream radiation | Radiant floor |
| Electric baseboard | Wood stove | Outdoor wood boiler Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Good condition. Good joints.

7. OCCUPANCY

Is basement/lowest level occupied?	Full-time	Occasionally	Seldom	Almost Never
------------------------------------	-----------	--------------	--------	--------------

<u>Level</u>	<u>General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)</u>
1st	
2nd	
3rd	
4th	
5th	
6th	
7th	
8th	
9th	
10th	
11th	
12th	
13th	
14th	
15th	
16th	
17th	
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80th	
81st	
82nd	
83rd	
84th	
85th	
86th	
87th	
88th	
89th	
90th	
91st	
92nd	
93rd	
94th	
95th	
96th	
97th	
98th	
99th	
100th	

Basement	No basement
----------	-------------

1st Floor Liquor Store

2nd Floor No second floor

3rd Floor4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA
Please specify _____

d. Has the building ever had a fire? Y ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y N Where? _____

f. Is there a workshop or hobby/craft area? Y ☒ N ☐ Where & Type? _____

g. Is there smoking in the building? Y (N) How frequently? _____

h. Have cleaning products been used recently? Y (N) When & Type? _____

i. Have cosmetic products been used recently? Y N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

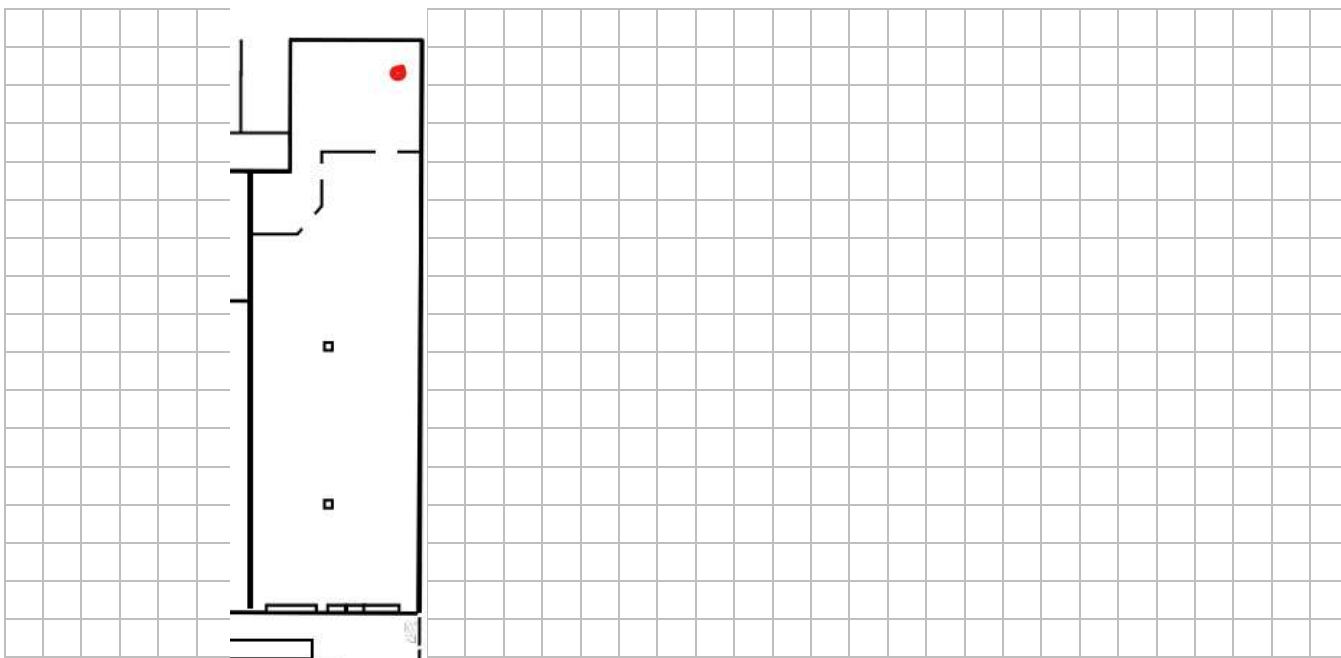
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

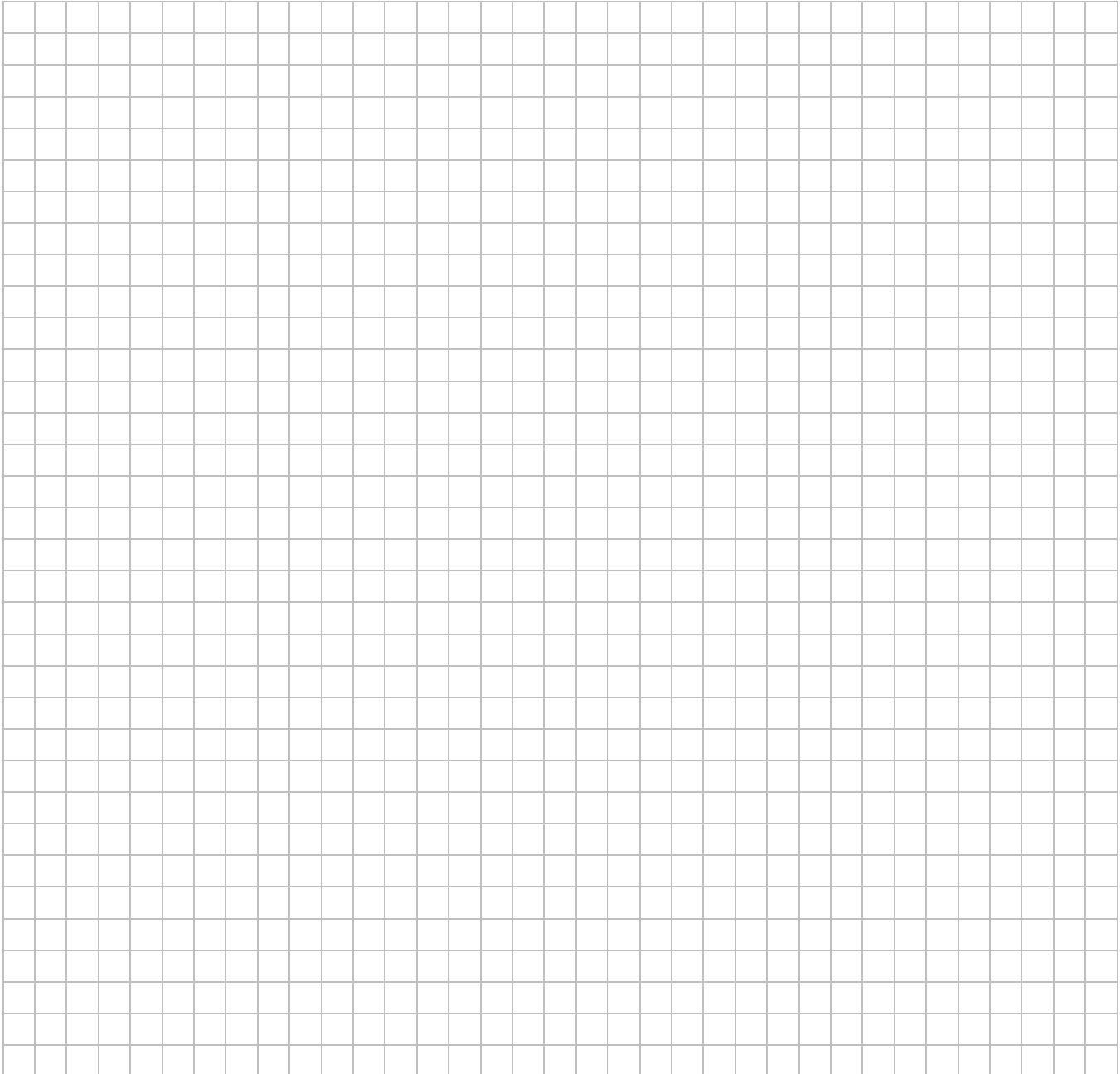
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Rae Systems PPB

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT_4 Restaurant 22 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: **Y** / **(N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: **(Y)** / **N**

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Resturant

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

No ductwork visible, drop ceiling.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Resturant

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? kitchen supplies

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y N If yes, where vented? back of building
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

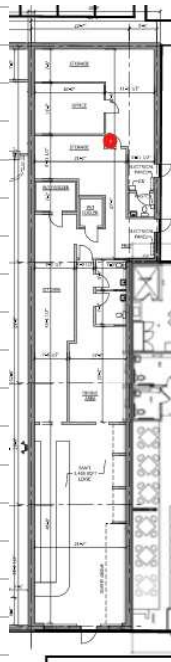
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

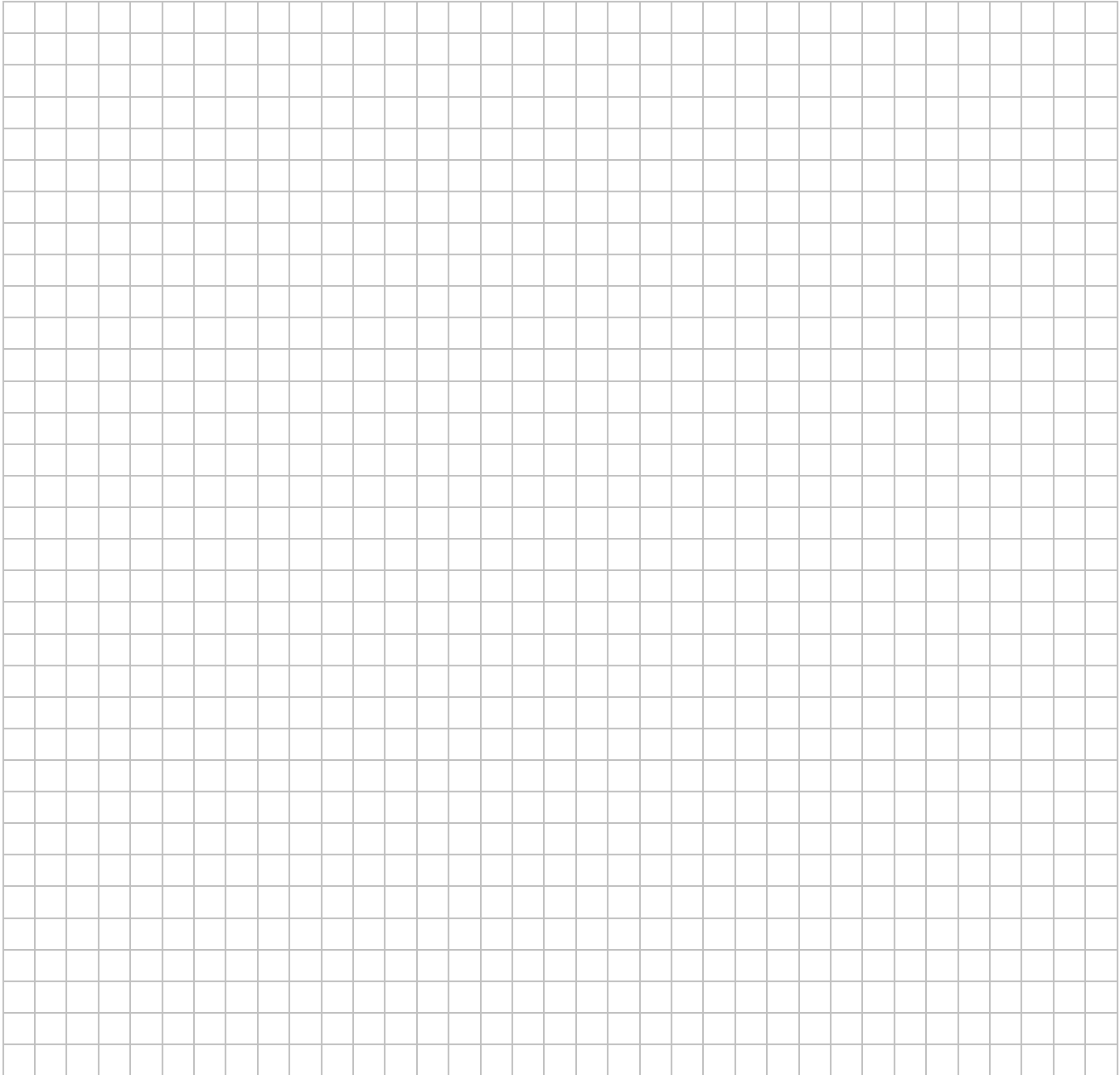
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other relevant site information.

Make & Model of field instrument used: Rae Systems PPB

[illegible]

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT_4 Coffee Shop 15 22 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Coffee shop

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Floor drains 3-4 inch

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Good condition where visible.

Basement	No basement
1 st Floor	Starbucks
2 nd Floor	No second floor
3 rd Floor	
4 th Floor	

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? Y ☒ N Where & Type? _____
- g. Is there smoking in the building? Y ☒ N How frequently? _____
- h. Have cleaning products been used recently? ☒ Y / N When & Type? kitchen cleaning products
- i. Have cosmetic products been used recently? Y ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y N If yes, where vented? back of build 
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of build 
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

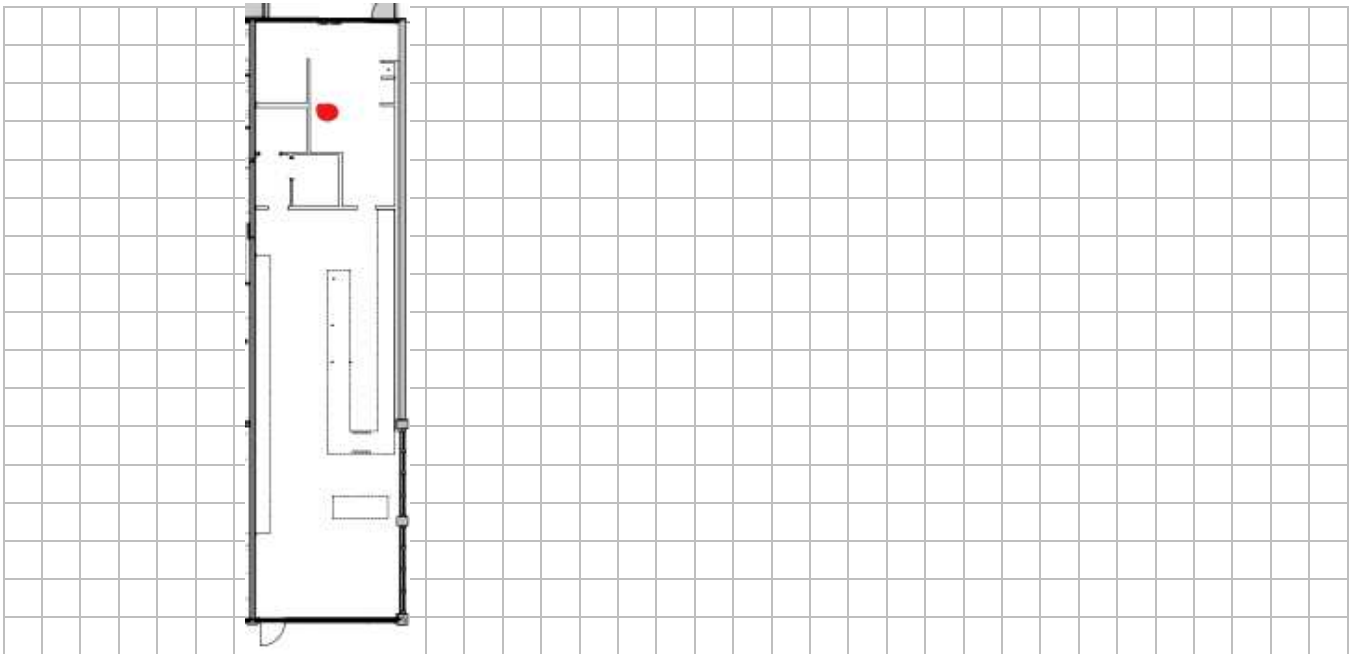
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

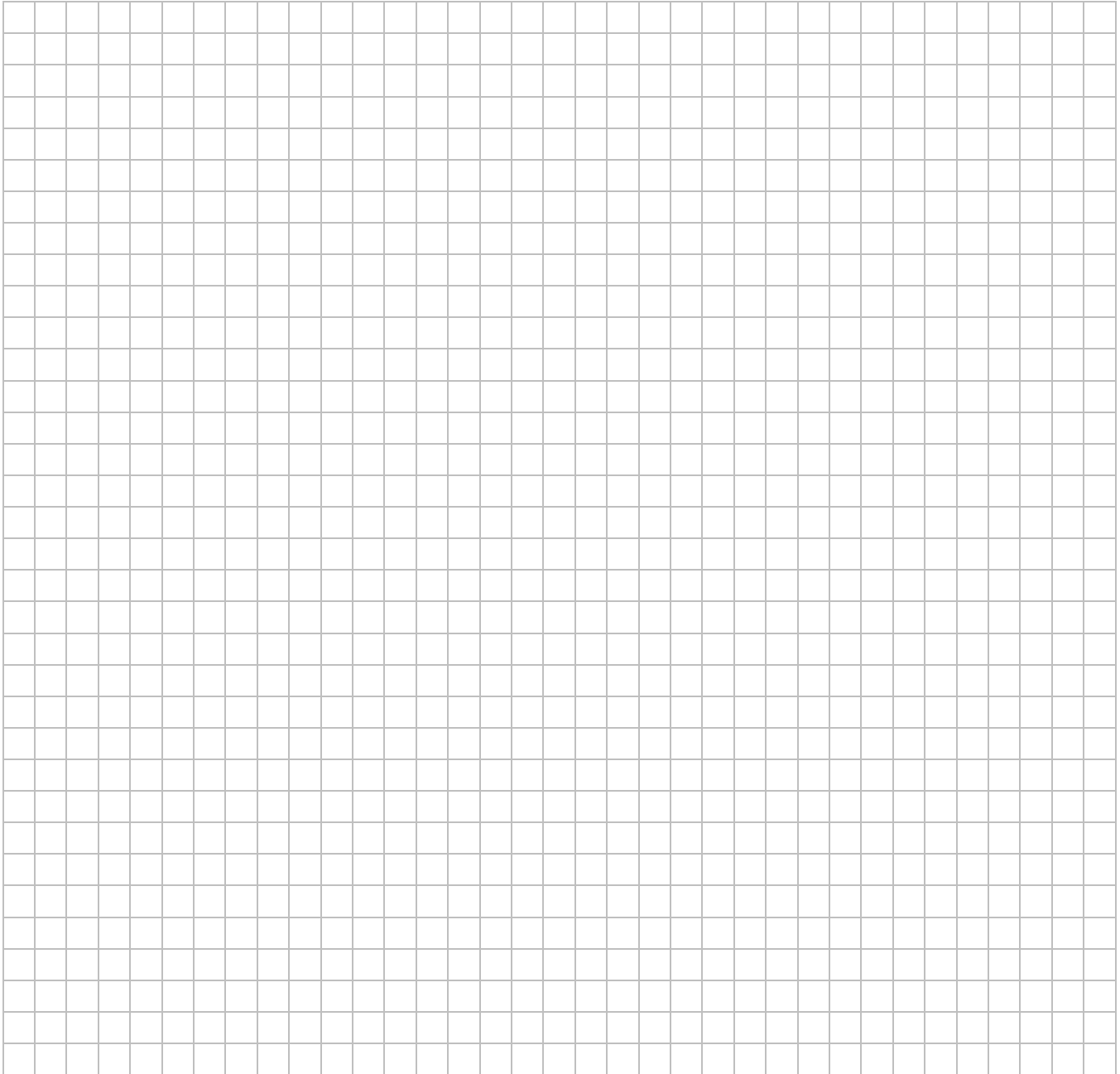
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Sunshine Cleaners 2 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Dry Cleaners

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom. Chips in concrete around drain.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Ductwork not visible, vents in ceiling.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Dry cleaner

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y / ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? ☒ Y / ☐ N Where & Type? work area in back ☒
- g. Is there smoking in the building? Y / ☒ N How frequently? _____
- h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? Dry cleaning mate ☒
- i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of building
- o. Is there a clothes dryer? ☒ Y N If yes, is it vented outside? ☒ Y N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

☒ Y ☐ N

If yes, please describe: Dry cleaning product odor

Do any of the building occupants use solvents at work?

☒ Y ☐ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? petroleum based solvent

If yes, are their clothes washed at work?

☒ Y ☐ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

It is a dry cleaner

Yes, use dry-cleaning regularly (weekly)

No

Yes, use dry-cleaning infrequently (monthly or less)

Unknown

Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

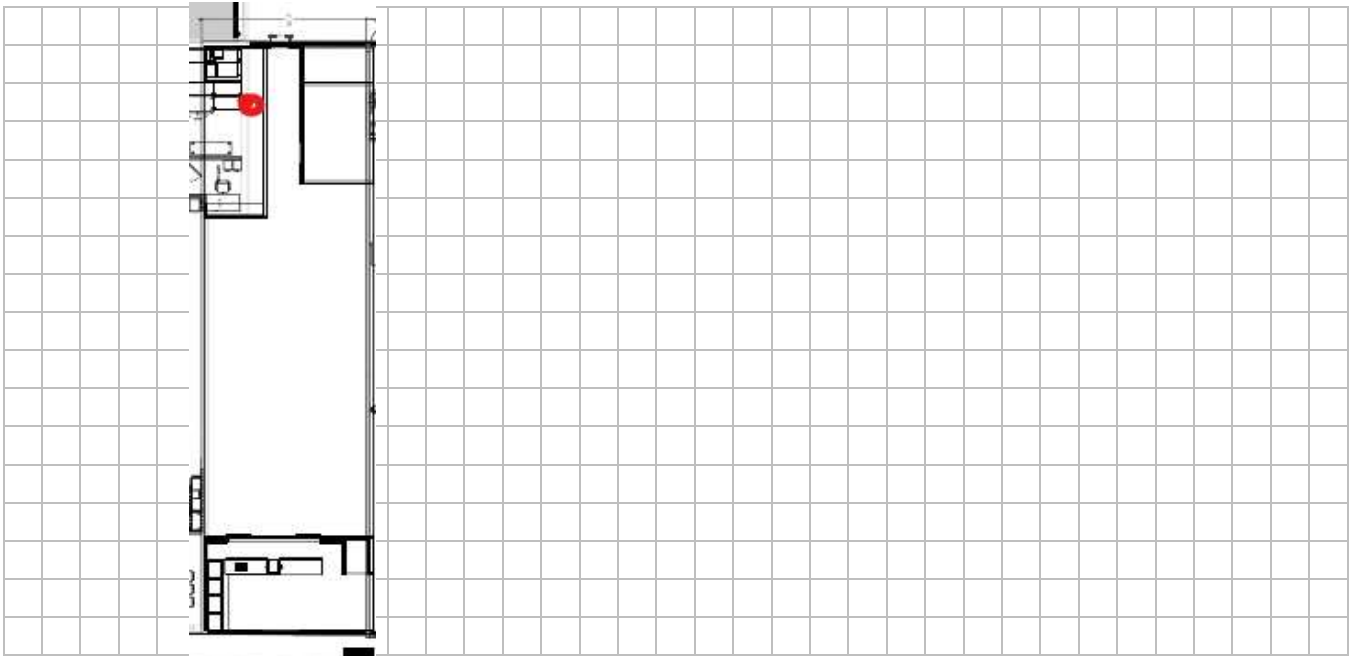
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

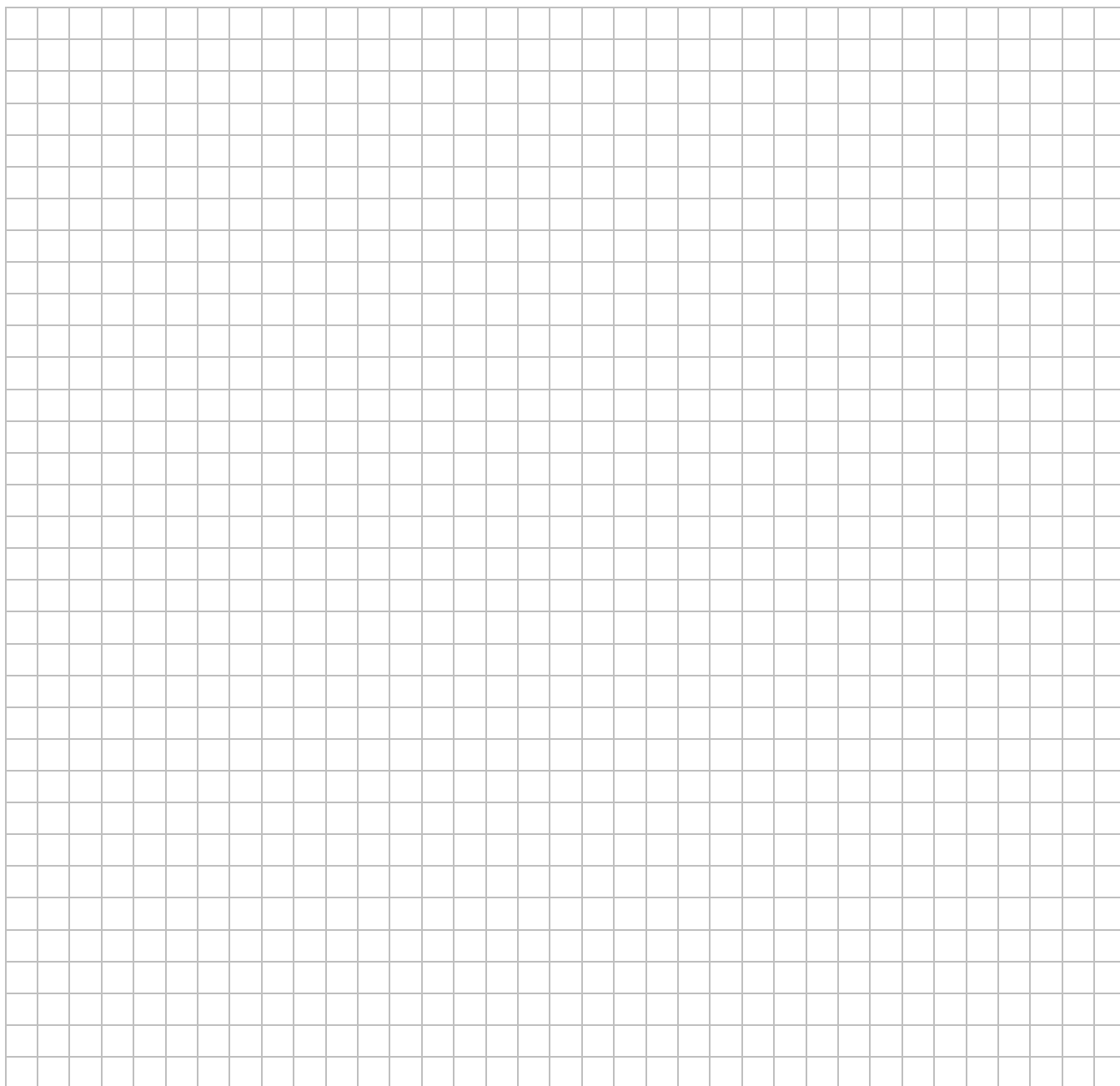
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

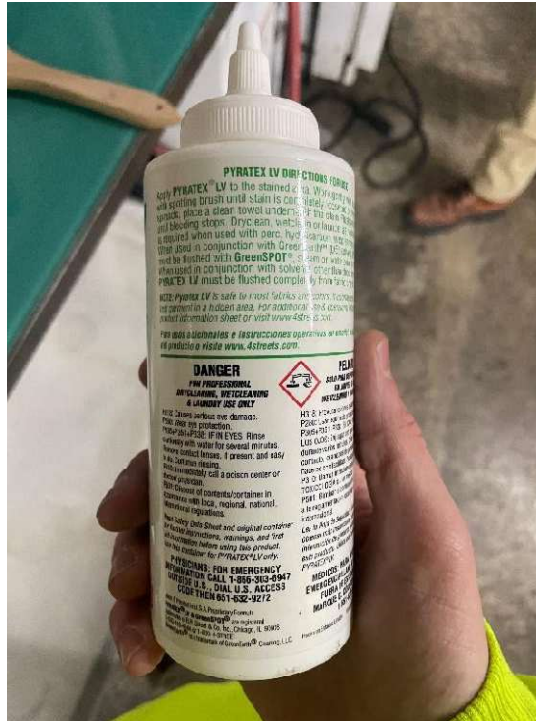
13. PRODUCT INVENTORY FORM**Make & Model of field instrument used:** Rae Systems PPB**List specific products found in the residence that have the potential to affect indoor air quality.**

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y / N</u>
	see photo log					

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.



ATTACHMENT 4 Sunshine Cleaners 2 DOH questionnaire



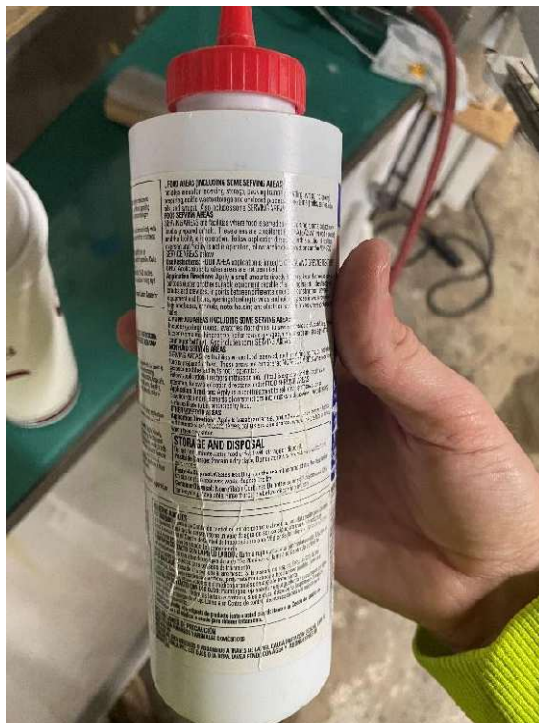
Pyratex LV

DATE: 12/4/2024



Roach & Ant Killer

DATE: 12/4/2024



Product description of Roach & Killer

DATE: 12/4/2024



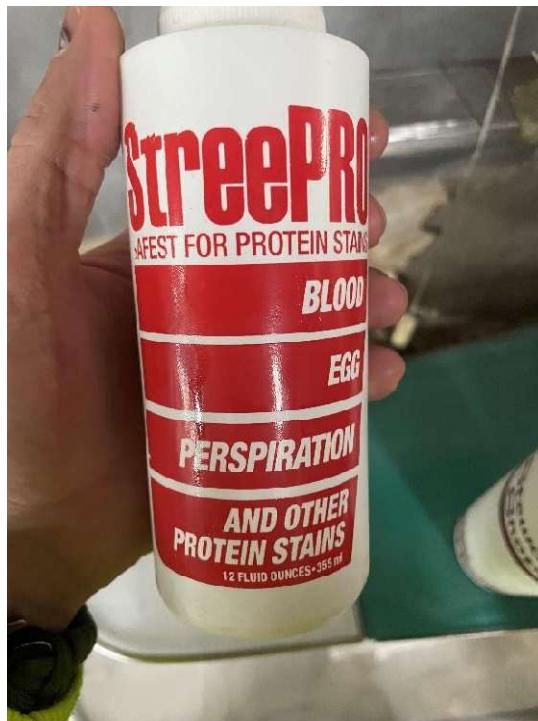
Spot remover product

DATE: 12/4/2024



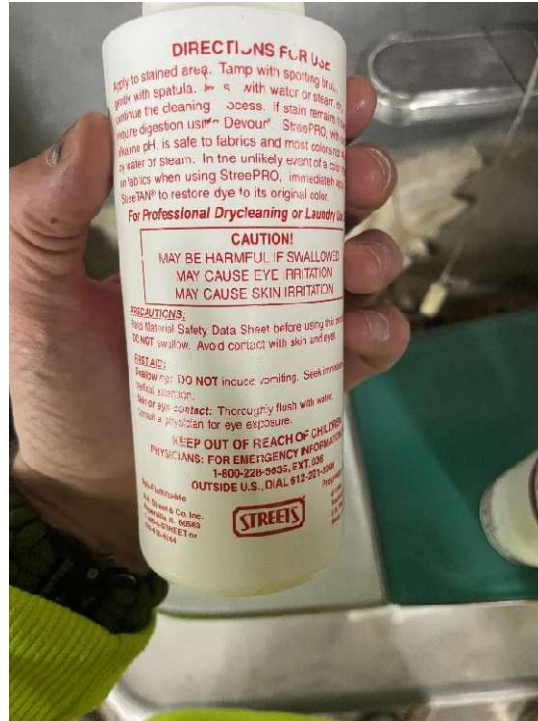
Spot remover product description

DATE: 12/4/2025



StreePRO stain remover

DATE: 12/4/2025



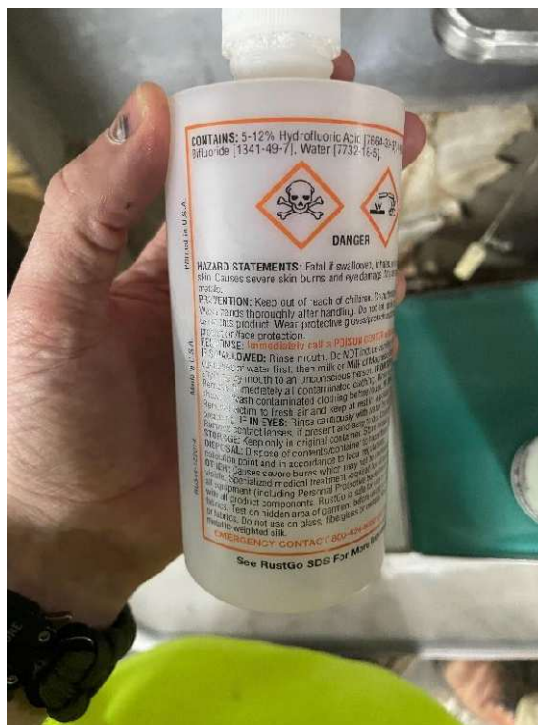
StreePRO product description

DATE: 12/4/2025

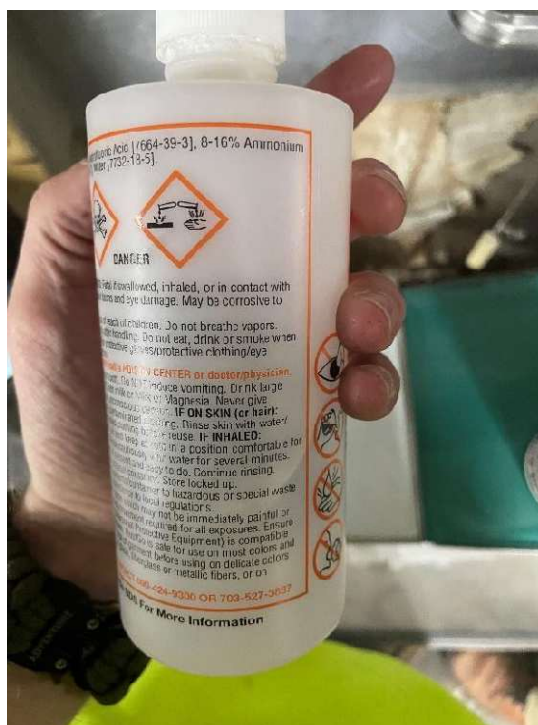


RustGo stain remover

DATE: 12/4/2025



DATE: 12/4/2025



DATE: 12/4/2025



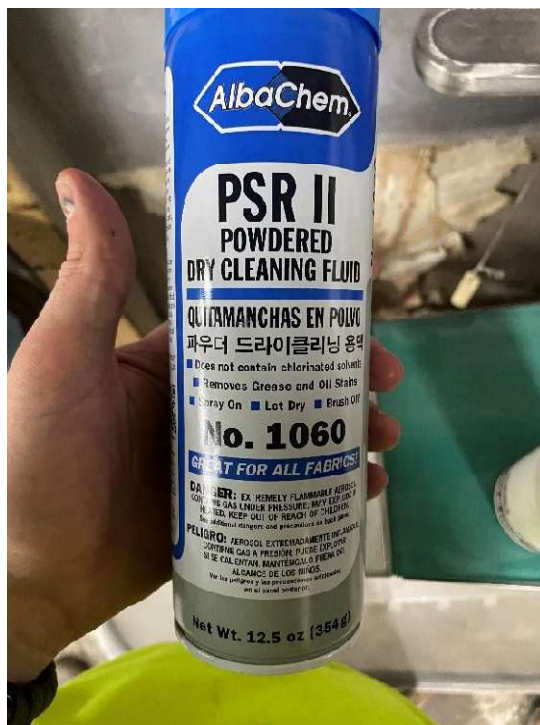
StreeTAN stain remover

DATE: 12/4/2025



StreeTAN product description

DATE: 12/4/2025



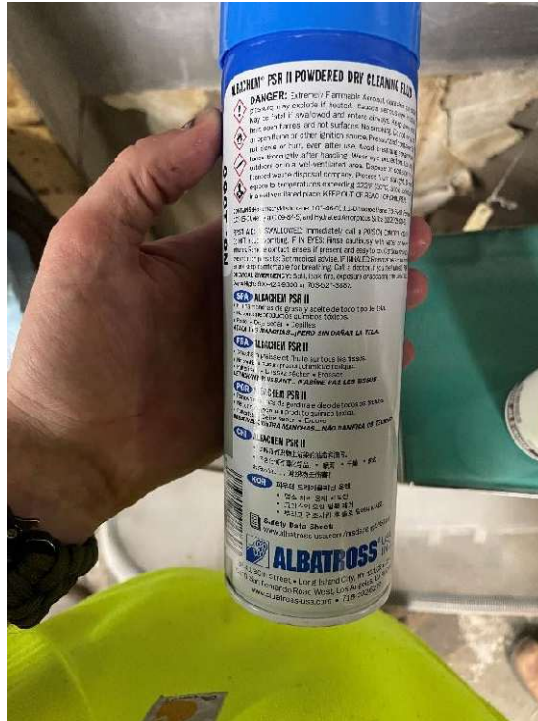
AlbaChem dry cleaning fluid

DATE: 12/4/2025



AlbaChem product description

DATE: 12/4/2025



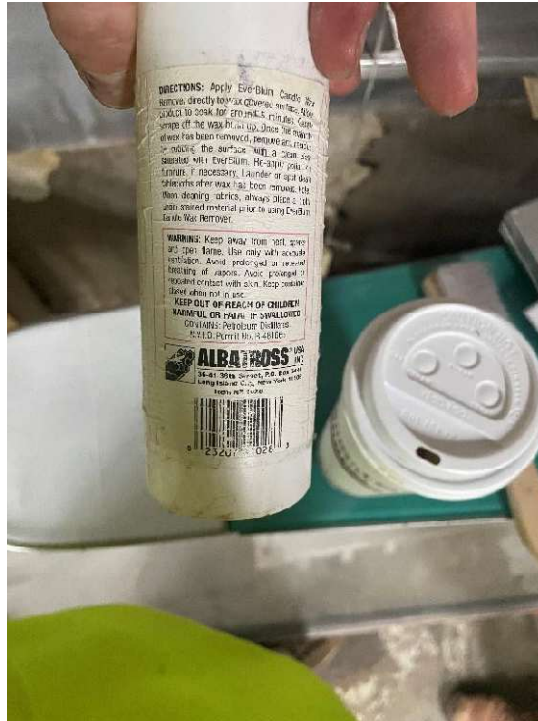
AlbaChem product description

DATE: 12/4/2025



Ever Blum spot remover

DATE: 12/4/2025



Ever Blum product description

DATE: 12/4/2025



Chemical storage area

DATE: 12/4/2025



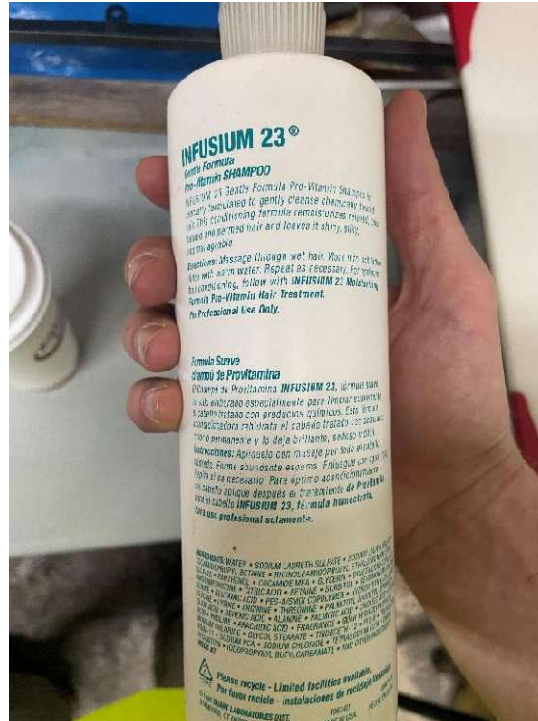
Chemical and tool storage

DATE: 12/4/2025



Professional Infusium23 Shampoo

DATE: 12/4/2025



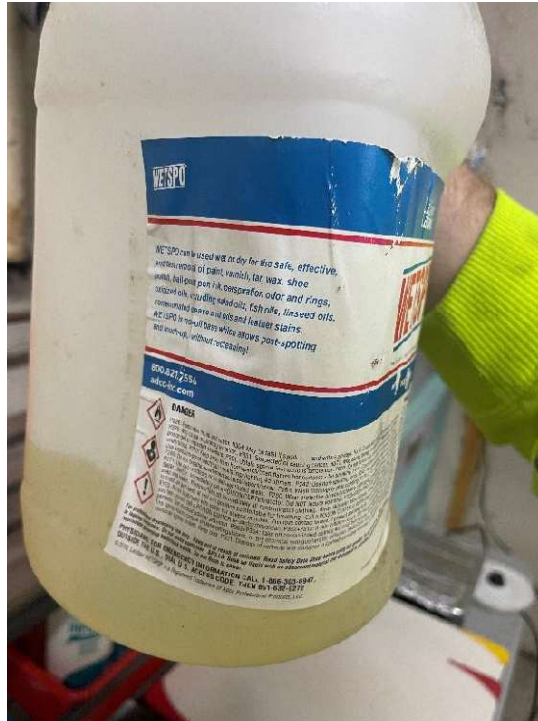
Infusium 23 shampoo product description

DATE: 12/4/2025



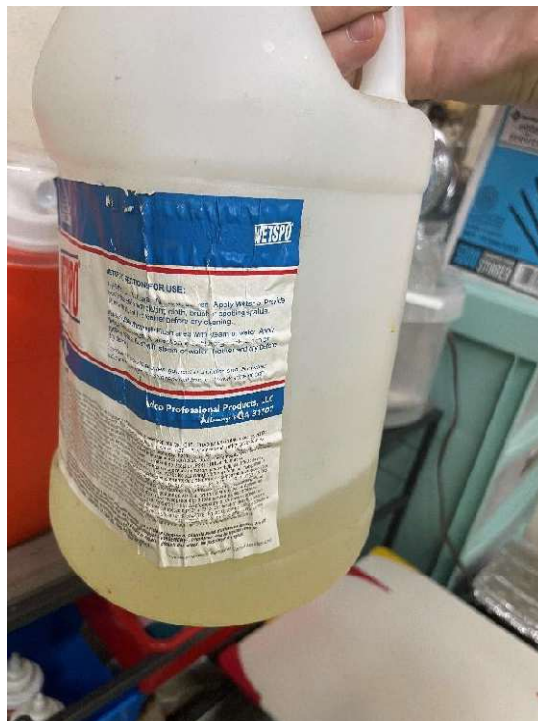
WETSP0 stain remover

DATE: 12/4/2025



WETSP0 stain remover product description

DATE: 12/4/2025



WETSP0 stain remover product description

DATE: 12/4/2025

ATTACHMENT_4 Cafe 1 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Resturant

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drains in floor 3-4 inch

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | |
|----------------------------|------------------|---------------------------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard |
| Space Heaters | Stream radiation | Radiant floor |
| Electric baseboard | Wood stove | Outdoor wood boiler Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good condition where visible, vents in ceiling.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Cafe

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? ☒ Y / ☐ N When & Type? kitchen cleaning s+

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? ☒ Y N When & Type? bathroom air fresh ☒
- m. Is there a kitchen exhaust fan? ☒ Y N If yes, where vented? back of build ☒
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of build ☒
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

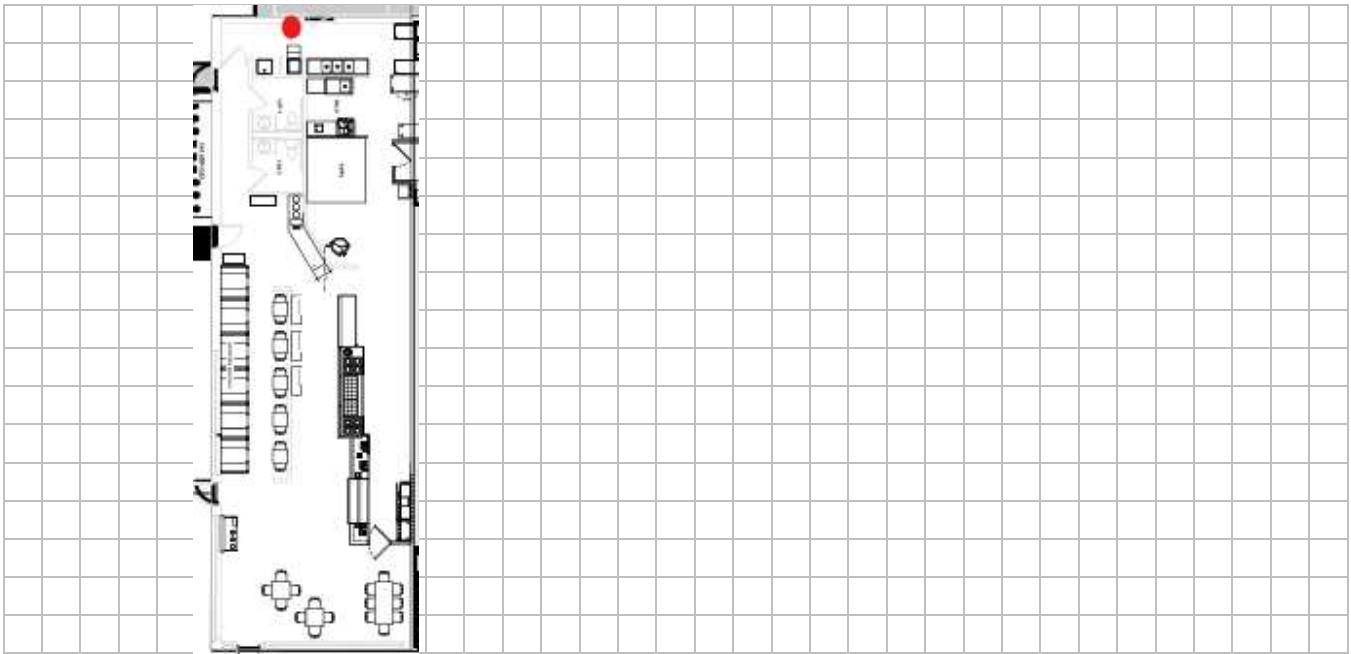
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

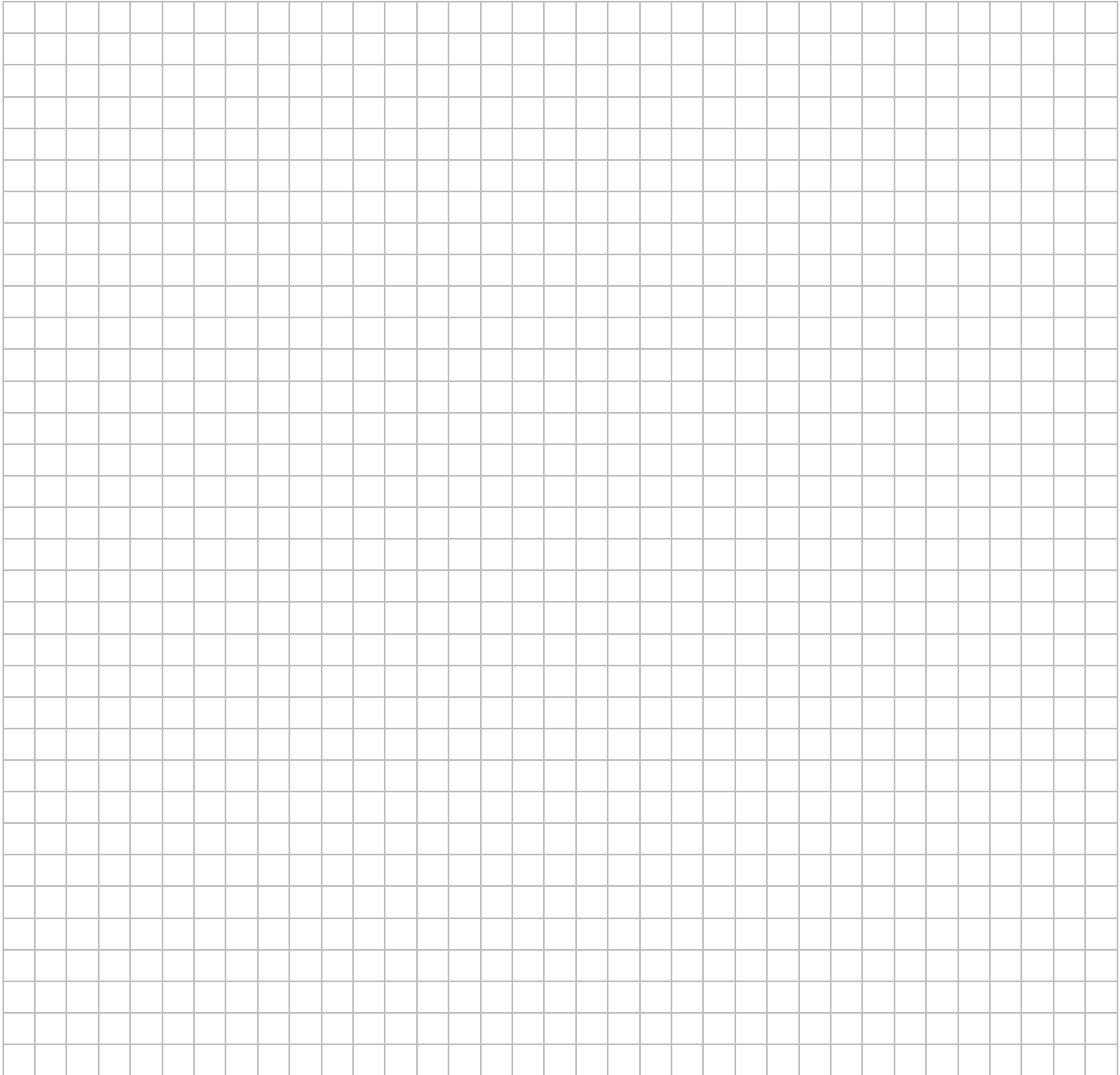
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: Rae Systems PPB

[illegible]

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ATTACHMENT_4 Candy Shop 4 DOH questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/4/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Candy Store

Does it include residences (i.e., multi-use)? Y / ☒ N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? ☒ Y / N How air tight? Tight / ☒ Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom, 3 inch.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Good condition where visible.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Store front / Candy prep area

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / ☒ N
- b. Does the garage have a separate heating unit? Y / N / ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____
- d. Has the building ever had a fire? Y / ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? ☒ Y / N Where & Type? prep area in rear
- g. Is there smoking in the building? Y / ☒ N How frequently? _____
- h. Have cleaning products been used recently? ☒ Y / N When & Type? clorox daily
- i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y N If yes, where vented? back of build ☒
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? back of build ☒
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

☒ Y N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? floor cleaning solvents

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

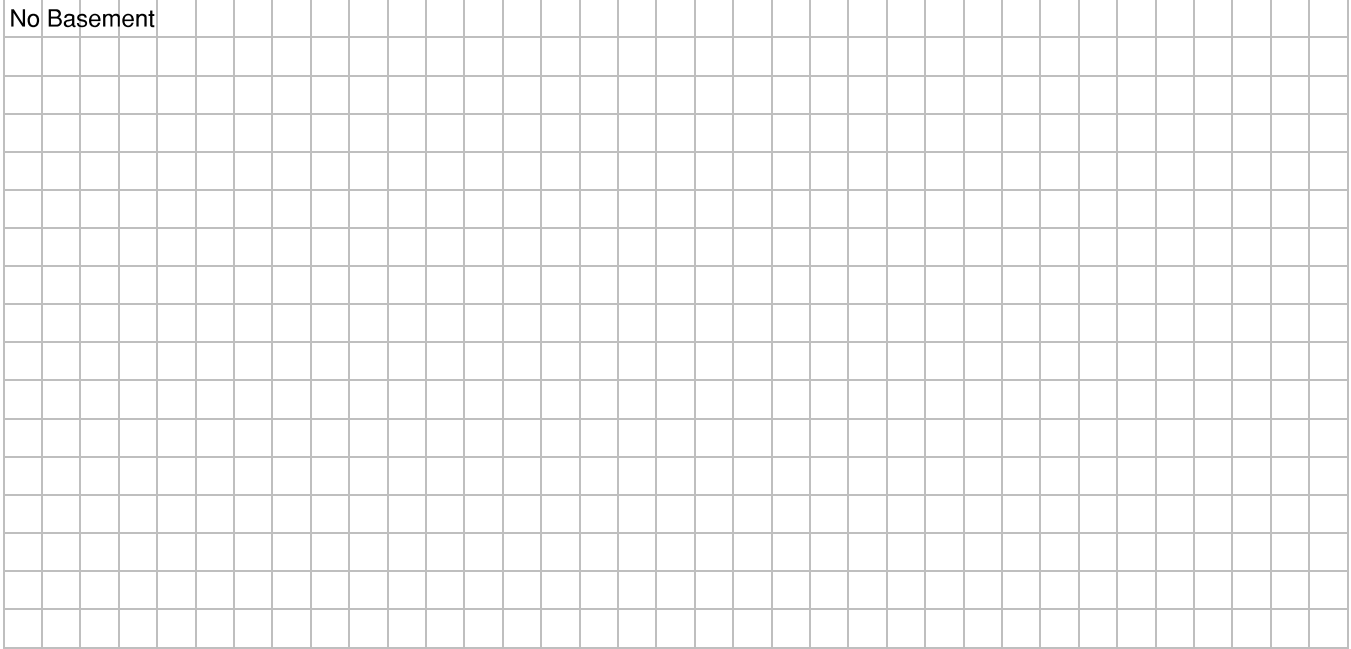
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

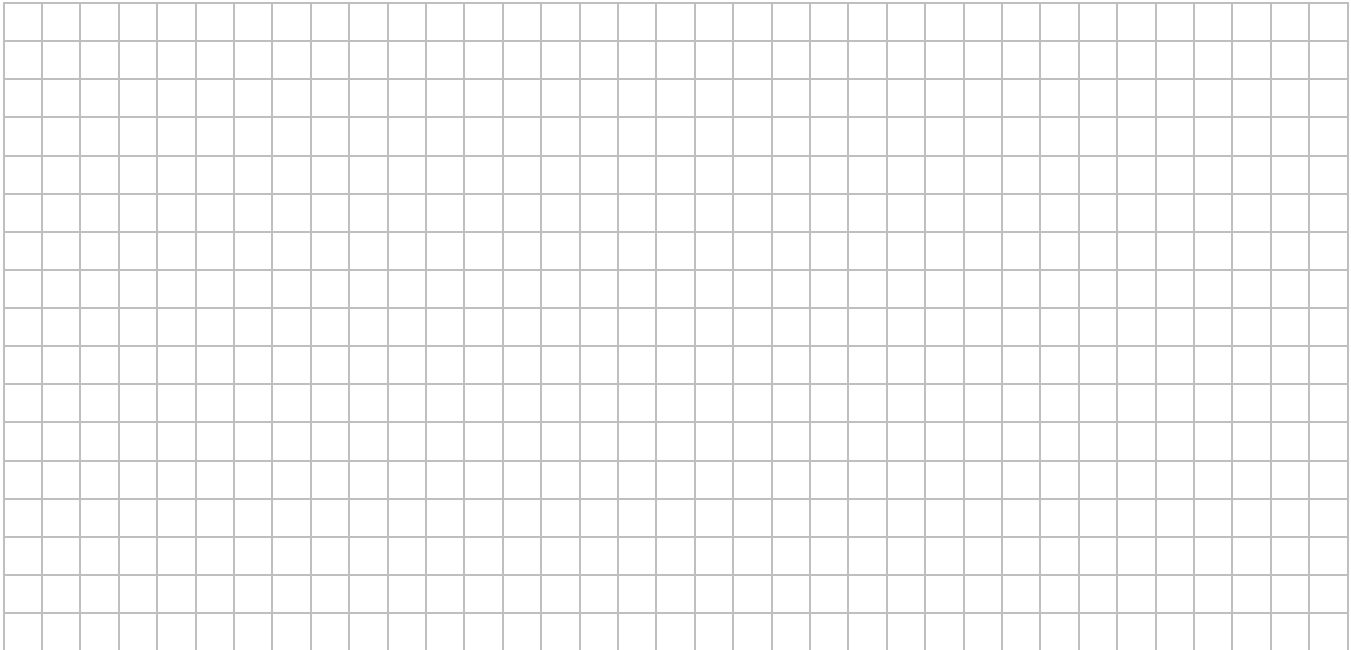
Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement



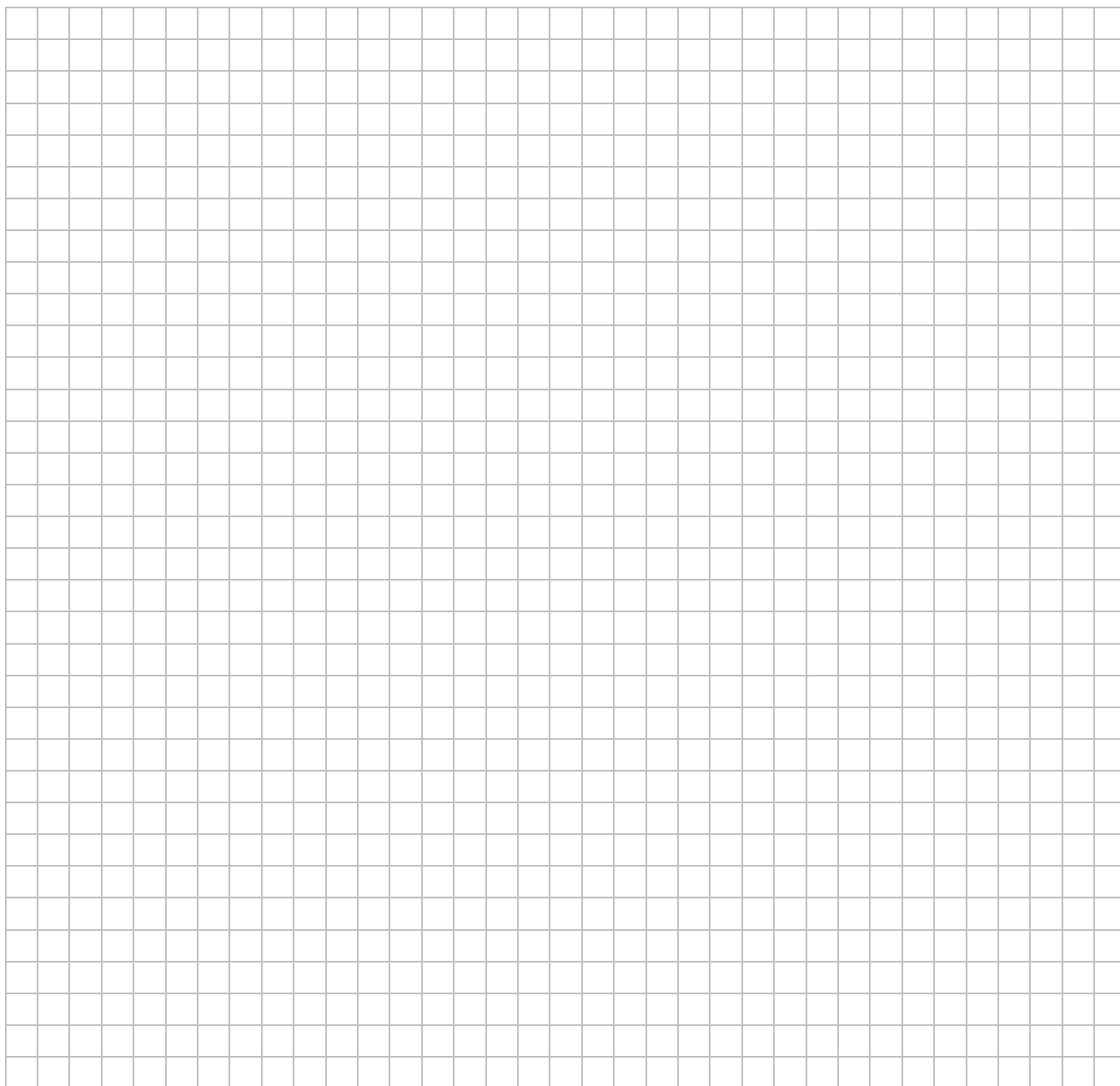
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Rae Systems PPB

List specific products found in the residence that have the potential to affect indoor air quality.

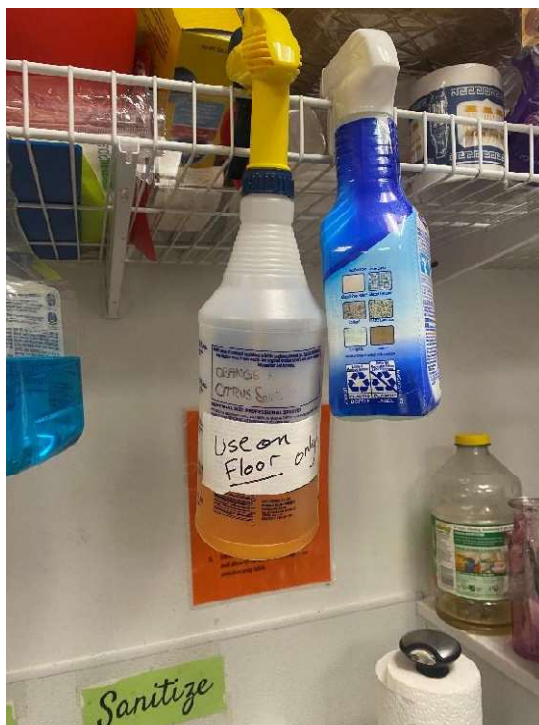
Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y / N</u>
	Chlorox Spray	12 oz	Open	see photo log		Y
	Orange Floor Cleaning Solvent	12 oz	Open	NA Poured Into An Unlabeled Bottle		Y

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.



ATTACHMENT_4 Candy Shop 4 DOH questionnaire



Clorox Spray & Orange Citrus Solvent

DATE: 12/4/2024

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Sodium hypochlorite	7681-52-9	1 - 5	*
Sodium hydroxide	1310-73-2	0.1 - 1	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

Clorox Spray Ingredients From Materials Safety Data Sheet

DATE: 12/4/2024

ATTACHMENT_4 Restaurant 21 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Resturant

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Drain in bathroom

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

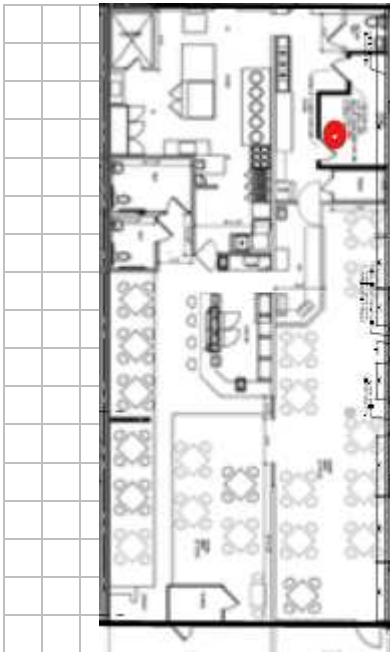
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

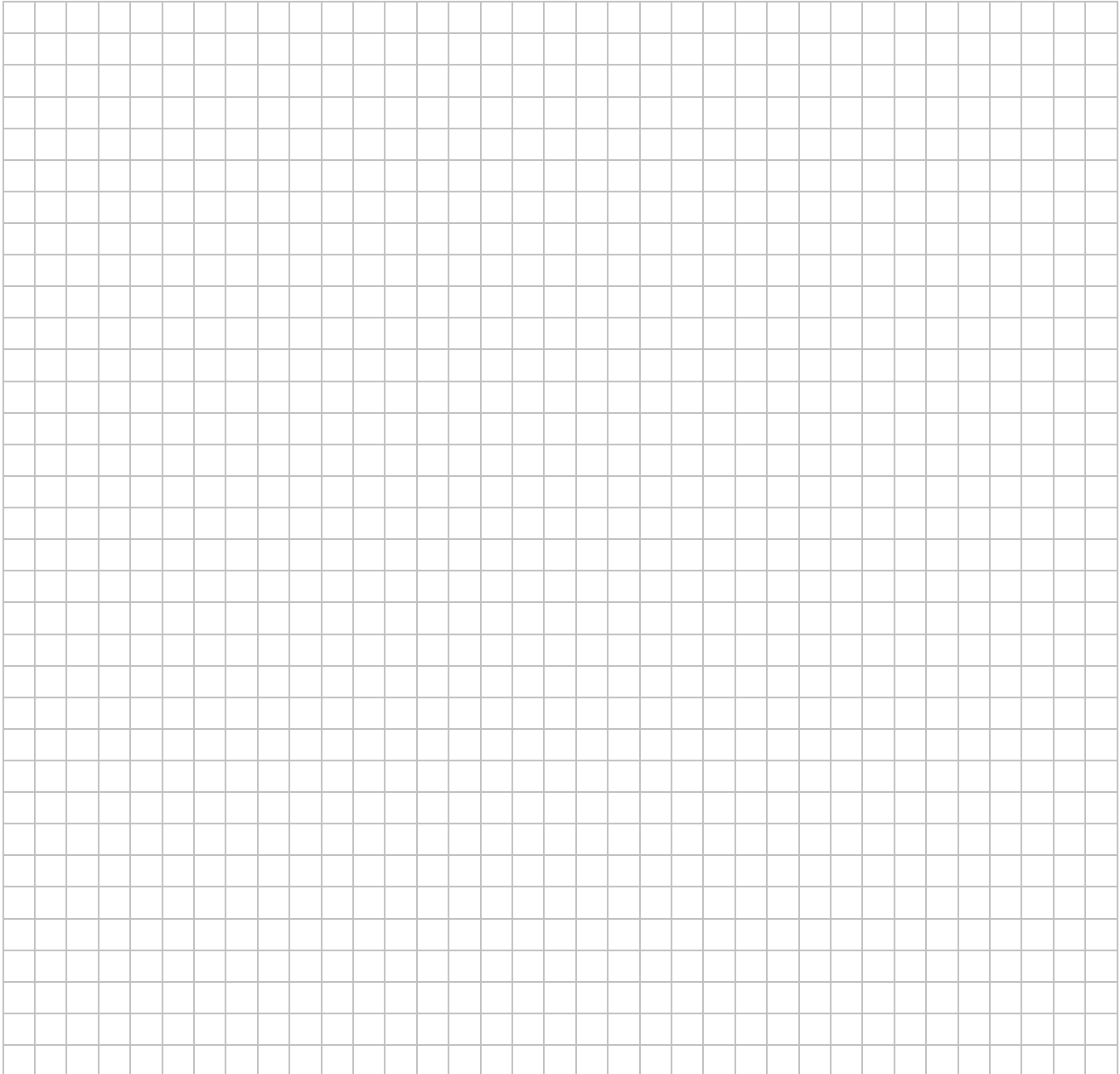
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: Rae Systems PPB

[illegible]

BTS\Sections\SIS\Oil Spills\Guidance Docs\Aiproto4.doc

ATTACHMENT_4 Retail Clothing 18 DOH questionnaire**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Garon LeClair Date/Time Prepared 12/5/2024

Preparer's Affiliation LaBella Associates Phone No. (518) 885-5383

Purpose of Investigation Part of the Newton Plaza site investigation work plan

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: ☒ Y / ☐ N

Last Name: Jesman First Name: Chuck

Address: 596 Loudon Road, Latham, NY

County: Albany

Home Phone: - _____ Office Phone: (518) 783-5871

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Clothing Store

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age 1988

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

bathroom drain

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

- | | | | |
|----------------------------|------------------|---------------------|-------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: Electric

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? ☒ Y / ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Drop ceiling, not visible.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement No basement

1st Floor Clothing Store

2nd Floor No second floor

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / ☒ N

b. Does the garage have a separate heating unit? Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire? Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area? ☒ Y N Where & Type? sewing area

g. Is there smoking in the building? Y / ☒ N How frequently? _____

h. Have cleaning products been used recently? Y / ☒ N When & Type? _____

i. Have cosmetic products been used recently? Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☐ N ☒ Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☐ N ☒ Where & When? _____
- l. Have air fresheners been used recently? Y ☐ N ☒ When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☐ N ☒ If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y ☐ N If yes, where vented? back of building
- o. Is there a clothes dryer? Y ☐ N ☒ If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☐ N ☒ When & Type? _____

Are there odors in the building?

Y ☐ N ☒

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☐ N ☒

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☐ N ☒

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☐ N ☒ Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well ☐ Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well ☐ Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

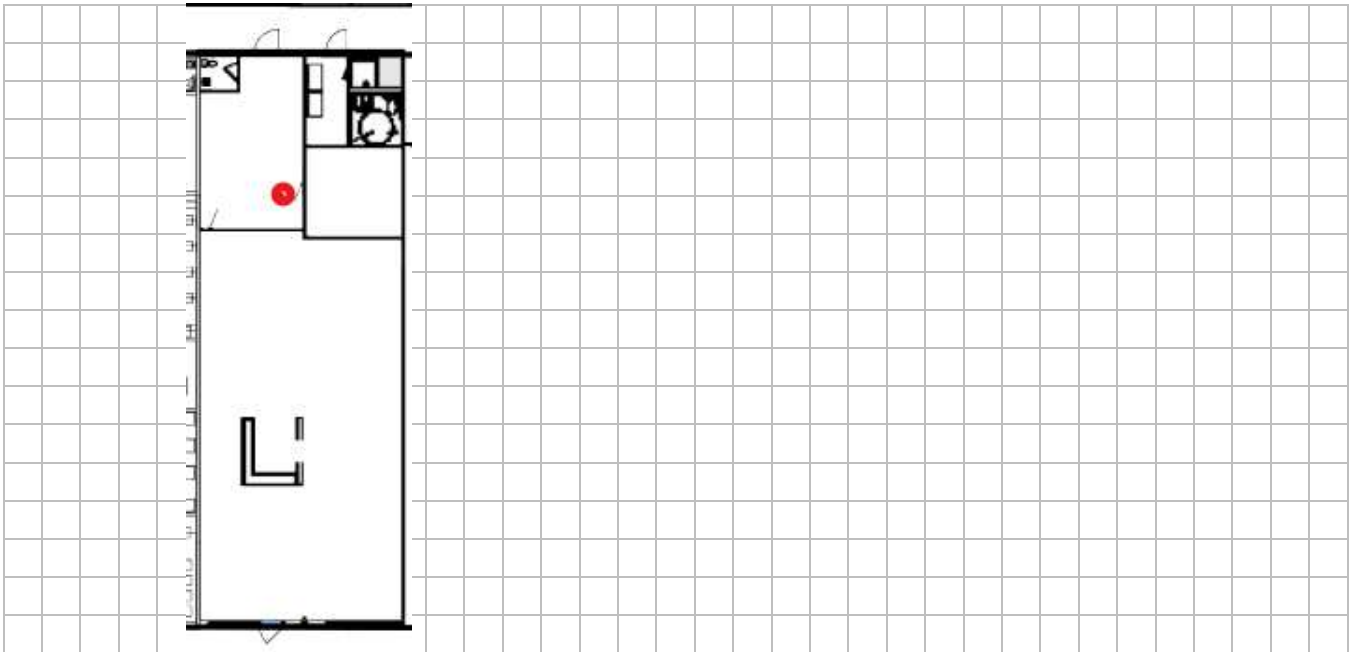
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

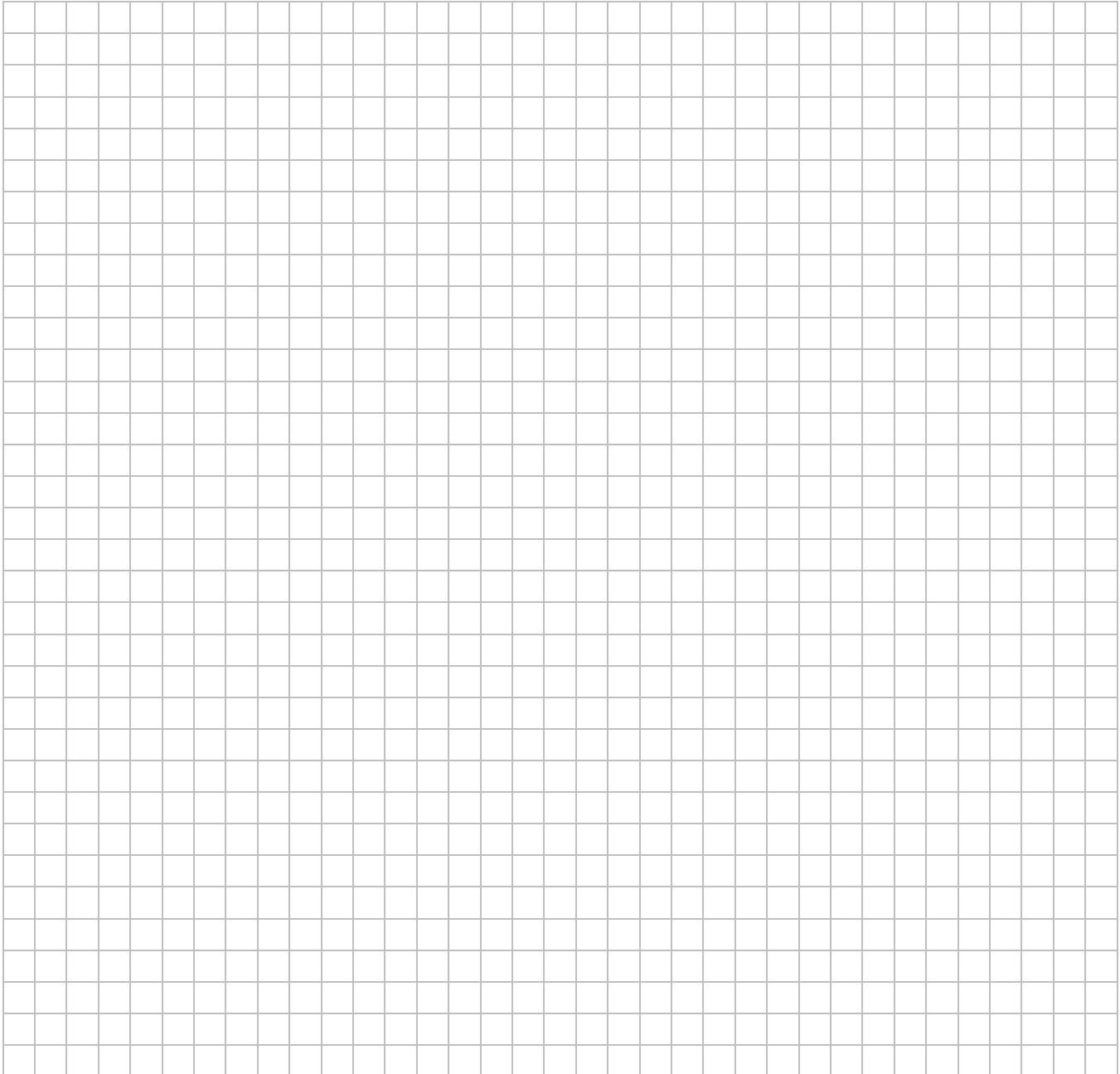
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

A large grid of 30 columns and 30 rows, intended for drawing a sketch of the area surrounding the building being sampled. The grid is composed of small squares, providing a structured space for the user to draw and label various features such as spill locations, air contamination sources, sampling locations, and other site-specific details.

13. PRODUCT INVENTORY FORM**Make & Model of field instrument used:** Rae Systems PPB**List specific products found in the residence that have the potential to affect indoor air quality.**

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units)	Photo ** <u>Y / N</u>
	None					

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.



Attachment 5

Site Survey

NO.	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2230542

DRAWN BY: DCS

REVIEWED BY: DML

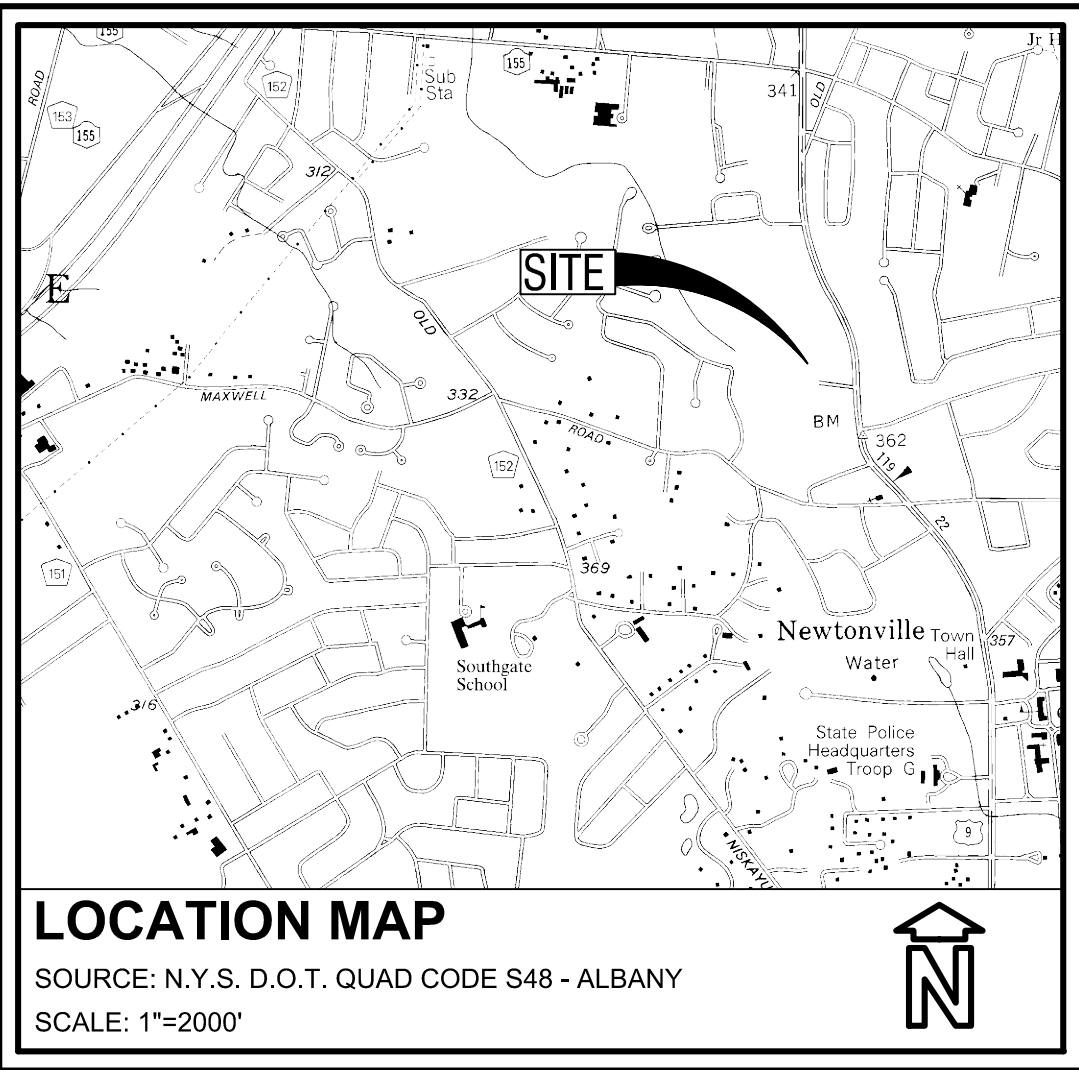
ISSUED FOR:

DATE: 05/05/2025

DRAWING NAME:

LANDS NOW OR
FORMERLY OF
NEWTON PLAZA
ASSOCIATES LLC

DRAWING NUMBER:



LEGEND

EXISTING CONDITIONS:	
APPROXIMATE PROPERTY LINE NO PHYSICAL BOUNDS	
APPROXIMATE ADJACENT PROPERTY LINE	
EXISTING BUILDING	
EXISTING CURB	
EXISTING FENCE	
EXISTING OVERHEAD WIRES	
EXISTING WATER LINE	
EXISTING GAS LINE	
EXISTING UNDERGROUND ELECTRIC LINE	
EXISTING UNDERGROUND COMMUNICATIONS LINE	
EXISTING UNDERGROUND STEAM CONDUIT	
EXISTING UNDERGROUND HOT WATER LINE	
EXISTING UNDERGROUND CABLE LINE	
EXISTING UNKNOWN UNDERGROUND LINE	
EXISTING UNDERGROUND SEWER LINE	
EXISTING UNDERGROUND STORM LINE	

SYMBOLS:	
EXISTING SIGN (1 POST)	
EXISTING SIGN (2 POSTS)	
EXISTING BOLLARD	
EXISTING FLAGPOLE	
EXISTING MAILBOX	
EXISTING FENCE POST	
EXISTING POST	
EXISTING CONIFEROUS TREE	
EXISTING DECIDUOUS TREE	
EXISTING SANITARY MANHOLE	
EXISTING CLEANOUT	
EXISTING DRAINAGE MANHOLE	
EXISTING CATCH BASIN	
EXISTING CATCH BASIN ROUND	
EXISTING YARD DRAIN	
EXISTING END SECTION	
EXISTING ROOF DRAIN LEADER	
EXISTING ELECTRIC MANHOLE	
EXISTING ELECTRIC TRANSFORMER	
EXISTING ELECTRIC OUTLET	
EXISTING GUY WIRE	
EXISTING UTILITY POLE	
EXISTING UTILITY POLE W/ LIGHT	
EXISTING LIGHT POLE	
EXISTING PANEL/SWITCH BOX	
EXISTING CONDUIT TO/FROM UNDERGROUND	
EXISTING GAS VALVE	
EXISTING GAS LINE MARKER	
EXISTING SPIGOT	
EXISTING WELL	
EXISTING HYDRANT	
EXISTING AUTO SPKLR. HYDRANT	
EXISTING WATER SHUT OFF VALVE	
EXISTING WATER VALVE	
EXISTING CABLE TV PEDESTAL	
EXISTING TELEPHONE LINE MARKER	
EXISTING TELEPHONE MANHOLE	
EXISTING TELEPHONE PEDESTAL	
EXISTING UNKNOWN MANHOLE	
EXISTING MONITORING WELL	
EXISTING SOIL VAPOR PROBE	
EXISTING UTILITY VALVE	
EXISTING VALVE BOX	
EXISTING VENT	

MONITORING WELL NO.	GRADE	TOP WELL CASING	TOP PVC
MW-1	361.13'	361.12'	360.95'
MW-2	360.46'	360.47'	360.22'
MW-3	359.91'	359.89'	359.66'
MW-4	361.24'	361.23'	360.95'
MW-5	362.21'	360.19'	360.00'
MW-6	360.03'	360.01'	359.73'
MW-7	359.94'	359.94'	359.63'
MW-8	358.92'	358.90'	358.48'
MW-9	360.67'	360.66'	360.40'
MW-10	360.69'	360.69'	360.35'
MW-11	358.13'	358.13'	357.78'
MW-12	358.68'	358.67'	358.37'
MW-13	359.13'	359.12'	358.91'
MW-14	359.54'	359.53'	359.24'

SOIL VAPOR PROBES	GRADE	TOP WELL CASING
SV-1	362.28'	362.24'
SV-2	361.02'	361.02'
SV-3	361.05'	361.04'
SV-4	359.84'	359.84'
SV-5	359.13'	359.13'
SV-6	358.52'	358.52'
SV-7	360.15'	360.16'
SV-8	360.65'	360.65'
SV-9	360.43'	360.44'
SV-10	360.61'	360.60'

NOTES:

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

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SURVEYED FROM RECORD DESCRIPTION AND AS IN POSSESSION.

BUILDING SHOWN HEREON SERVED BY UNDERGROUND UTILITIES.

HORIZONTAL DATUM & NORTH ORIENTATION ARE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD83 NY EAST, AS DERIVED FROM ON SITE STATIC GNSS OBSERVATIONS ON SEPTEMBER 2023.

UNDERGROUND UTILITIES SHOWN HEREON ARE THE RESULT OF AN UNDERGROUND UTILITY DESIGNATION COMPLETED BY CLEAN GLOBE ENVIRONMENTAL LLC ON JULY 29-31 & AUGUST 16, 2025 IN COAND FROM DATA OBTAINED FROM RECORD MAPS AND DRAWINGS. THE UTILITY DESIGNATION WAS COMPLETED IN ACCORDANCE WITH THE STANDARD PROCEDURES SET FORTH IN ASCE 38-22. ALL ABOVE GROUND STRUCTURES, SURFACE FEATURES AND THE LOCATION OF THE MARK OUT ARE THE RESULT OF AN INSTRUMENT SURVEY COMPLETED BY THIS OFFICE UNLESS OTHERWISE NOTED. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN OR CERTIFIED BY THE UNDERSIGNED. THE SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES AND UDIG-NY MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION OR CONSTRUCTION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

THE CONTRACTOR SHALL COMPLY WITH NEW YORK STATE INDUSTRIAL CODE RULE 753 - 48 HOURS PRIOR TO DIGGING CALL UDIG-NY 1-800-962-7962 TO HAVE PUBLIC UTILITY LOCATIONS PAINTED.

SUBSURFACE STRUCTURES NOT VISIBLE OR READILY APPARENT ARE NOT SHOWN AND THEIR LOCATION AND EXTENT ARE NOT CERTIFIED.

A BOUNDARY SURVEY WAS NOT PERFORMED AS PART OF THIS SURVEY. ALL PROPERTY LINES SHOWN ARE APPROXIMATE.

MAP REFERENCE:

MAP ENTITLED "NEWTON PLAZA, 580-602 LOUDON ROAD, LATHAM NY", PREPARED BY CLEAN GLOBE ENVIRONMENTAL LLC (CGE), DATED JULY 29-31 AND AUGUST 16, 2024.



Attachment 6

CAMP

CAMP 1 = UPWIND, CAMP 2 = WORKZONE, CAMP 3 = DOWNWIND

Deployment Label	Date	Time Period	concentration	maximum	mean	minimum	runSecond	weightedMean
CAMP 1 - Dust	8/20/2024	08:30:00 - 08:45:00	0.005	0.021	0.006	0	376.652	0
CAMP 1 - Dust	8/20/2024	08:45:00 - 09:00:00	0.006	0.027	0.006	0	1171.617	0
CAMP 1 - Dust	8/20/2024	09:00:00 - 09:15:00	0.007	0.031	0.006	0	2071.617	0
CAMP 1 - Dust	8/20/2024	09:15:00 - 09:30:00	0.007	0.031	0.006	0	2971.583	0.001
CAMP 1 - Dust	8/20/2024	09:30:00 - 09:45:00	0.008	0.031	0.007	0	3871.75	0.001
CAMP 1 - Dust	8/20/2024	09:45:00 - 10:00:00	0.009	0.031	0.007	0	4771.733	0.001
CAMP 1 - Dust	8/20/2024	10:00:00 - 10:15:00	0.009	0.031	0.007	0	5674.407	0.001
CAMP 1 - Dust	8/20/2024	10:15:00 - 10:30:00	0.011	0.031	0.008	0	6579.707	0.002
CAMP 1 - Dust	8/20/2024	10:30:00 - 10:45:00	0.01	0.031	0.008	0	7471.033	0.002
CAMP 1 - Dust	8/20/2024	10:45:00 - 11:00:00	0.011	0.034	0.008	0	8370.85	0.002
CAMP 1 - Dust	8/20/2024	11:00:00 - 11:15:00	0.009	0.041	0.008	0	9274.356	0.003
CAMP 1 - Dust	8/20/2024	11:15:00 - 11:30:00	0.009	0.041	0.008	0	10170.7	0.003
CAMP 1 - Dust	8/20/2024	11:30:00 - 11:45:00	0.01	0.041	0.009	0	11071.45	0.003
CAMP 1 - Dust	8/20/2024	11:45:00 - 12:00:00	0.009	0.041	0.009	0	11971.58	0.004
CAMP 1 - Dust	8/20/2024	12:00:00 - 12:15:00	0.009	0.041	0.009	0	12871.76	0.004
CAMP 1 - Dust	8/20/2024	12:15:00 - 12:30:00	0.009	0.041	0.009	0	13771.53	0.004
CAMP 1 - Dust	8/20/2024	12:30:00 - 12:45:00	0.008	0.07	0.009	0	14667.59	0.004
CAMP 1 - Dust	8/20/2024	12:45:00 - 13:00:00	0.007	0.074	0.009	0	15570.98	0.005
CAMP 1 - Dust	8/20/2024	13:00:00 - 13:15:00	0.008	0.074	0.009	0	16479.14	0.005
CAMP 1 - Dust	8/20/2024	13:15:00 - 13:30:00	-0.035	0.074	0.009	-0.041	17324.9	0.005
CAMP 1 - Dust	8/20/2024	13:30:00 - 13:45:00	-0.142	0.074	0.008	-0.141	17545	0.005
CAMP 1 - Dust	8/20/2024	13:45:00 - 14:00:00	-0.142	0.074	0.008	-0.141	17545	0.005
CAMP 1 - Dust	8/20/2024	14:00:00 - 14:15:00	-0.142	0.074	0.008	-0.141	17545	0.005
CAMP 1 - Dust	8/20/2024	14:15:00 - 14:30:00	-0.142	0.074	0.008	-0.141	17545	0.005
CAMP 1 - Dust	8/21/2024	07:45:00 - 08:00:00	0.006	0.079	0.008	0	96.625	0
CAMP 1 - Dust	8/21/2024	08:00:00 - 08:15:00	0.006	0.079	0.006	0	606.667	0
CAMP 1 - Dust	8/21/2024	08:15:00 - 08:30:00	0.007	0.079	0.006	0	1506.683	0
CAMP 1 - Dust	8/21/2024	08:30:00 - 08:45:00	0.008	0.079	0.006	0	2406.65	0.001
CAMP 1 - Dust	8/21/2024	08:45:00 - 09:00:00	0.008	0.079	0.007	0	3306.683	0.001
CAMP 1 - Dust	8/21/2024	09:00:00 - 09:15:00	0.008	0.079	0.007	0	4206.667	0.001
CAMP 1 - Dust	8/21/2024	09:15:00 - 09:30:00	0.008	0.079	0.007	0	5106.717	0.001
CAMP 1 - Dust	8/21/2024	09:30:00 - 09:45:00	0.009	0.079	0.007	0	6006.85	0.002
CAMP 1 - Dust	8/21/2024	09:45:00 - 10:00:00	0.008	0.079	0.008	0	6906.759	0.002
CAMP 1 - Dust	8/21/2024	10:00:00 - 10:15:00	0.015	0.091	0.008	0	7806.217	0.002
CAMP 1 - Dust	8/21/2024	10:15:00 - 10:30:00	0.01	0.179	0.009	0	8706.067	0.003
CAMP 1 - Dust	8/21/2024	10:30:00 - 10:45:00	0.01	0.179	0.009	0	9605.967	0.003
CAMP 1 - Dust	8/21/2024	10:45:00 - 11:00:00	0.01	0.179	0.009	0	10511.59	0.003
CAMP 1 - Dust	8/21/2024	11:00:00 - 11:15:00	0.01	0.179	0.009	0	11402.15	0.004
CAMP 1 - Dust	8/21/2024	11:15:00 - 11:30:00	0.01	0.179	0.009	0	12302.1	0.004
CAMP 1 - Dust	8/21/2024	11:30:00 - 11:45:00	0.01	0.179	0.009	0	13209.65	0.004
CAMP 1 - Dust	8/21/2024	11:45:00 - 12:00:00	0.011	0.179	0.009	0	14109.52	0.005
CAMP 1 - Dust	8/21/2024	12:00:00 - 12:15:00	0.011	0.179	0.009	0	15009.05	0.005
CAMP 1 - Dust	8/21/2024	12:15:00 - 12:30:00	0.012	0.179	0.01	0	15908.88	0.005
CAMP 1 - Dust	8/21/2024	12:30:00 - 12:45:00	0.012	0.179	0.01	0	16808.87	0.006
CAMP 1 - Dust	8/21/2024	12:45:00 - 13:00:00	0.013	0.179	0.01	0	17708.93	0.006
CAMP 1 - Dust	8/21/2024	13:00:00 - 13:15:00	0.012	0.179	0.01	0	18609.75	0.006
CAMP 1 - Dust	8/21/2024	13:15:00 - 13:30:00	0.011	0.179	0.01	0	19507.62	0.007
CAMP 1 - Dust	8/21/2024	13:30:00 - 13:45:00	0.013	0.179	0.01	0	20409.6	0.007
CAMP 1 - Dust	8/21/2024	13:45:00 - 14:00:00	0.011	0.179	0.01	0	21309.45	0.008
CAMP 1 - Dust	8/21/2024	14:00:00 - 14:15:00	0.011	0.179	0.01	0	22208.9	0.008
CAMP 1 - Dust	8/21/2024	14:15:00 - 14:30:00	0.011	0.179	0.01	0	22674.5	0.008
CAMP 1 - Dust	8/22/2024	08:00:00 - 08:15:00	0.009	0.013	0.008	0.006	313.073	0
CAMP 1 - Dust	8/22/2024	08:15:00 - 08:30:00	0.01	0.019	0.009	0.006	1075.305	0
CAMP 1 - Dust	8/22/2024	08:30:00 - 08:45:00	0.01	0.023	0.009	0.006	1970.567	0.001
CAMP 1 - Dust	8/22/2024	08:45:00 - 09:00:00	0.01	0.023	0.01	0.006	2870.65	0.001
CAMP 1 - Dust	8/22/2024	09:00:00 - 09:15:00	0.01	0.023	0.01	0.006	3770.7	0.001
CAMP 1 - Dust	8/22/2024	09:15:00 - 09:30:00	0.01	0.023	0.01	0.006	4665.847	0.002
CAMP 1 - Dust	8/22/2024	09:30:00 - 09:45:00	0.01	0.023	0.01	0.006	5570.8	0.002
CAMP 1 - Dust	8/22/2024	09:45:00 - 10:00:00	0.01	0.023	0.01	0.006	6475.881	0.002
CAMP 1 - Dust	8/22/2024	10:00:00 - 10:15:00	0.011	0.023	0.01	0.006	7371.267	0.003
CAMP 1 - Dust	8/22/2024	10:15:00 - 10:30:00	0.012	0.047	0.01	0.006	8271.333	0.003
CAMP 1 - Dust	8/22/2024	10:30:00 - 10:45:00	0.013	0.051	0.01	0.006	9171.15	0.003
CAMP 1 - Dust	8/22/2024	10:45:00 - 11:00:00	0.012	0.051	0.011	0.006	10065.76	0.004
CAMP 1 - Dust	8/22/2024	11:00:00 - 11:15:00	0.013	0.051	0.011	0.006	10970.95	0.004
CAMP 1 - Dust	8/22/2024	11:15:00 - 11:30:00	0.013	0.051	0.011	0.006	11870.6	0.005
CAMP 1 - Dust	8/22/2024	11:30:00 - 11:45:00	0.013	0.051	0.011	0.006	12770.62	0.005
CAMP 1 - Dust	8/22/2024	11:45:00 - 12:00:00	0.014	0.051	0.011	0.006	13667.66	0.005
CAMP 1 - Dust	8/22/2024	12:00:00 - 12:15:00	0.014	0.051	0.011	0.006	14572.93	0.006
CAMP 1 - Dust	8/22/2024	12:15:00 - 12:30:00	0.015	0.051	0.012	0.006	15478.57	0.006
CAMP 1 - Dust	8/22/2024	12:30:00 - 12:45:00	0.019	0.069	0.012	0.006	16378.58	0.007
CAMP 1 - Dust	8/22/2024	12:45:00 - 13:00:00	0.015	0.07	0.012	0.006	17278.57	0.007
CAMP 1 - Dust	8/22/2024	13:00:00 - 13:15:00	0.016	0.07	0.012	0.006	18178.2	0.008

CAMP 1 - Dust	8/22/2024 13:15:00 -	0.016	0.07	0.013	0.006	19077.95	0.008
CAMP 1 - Dust	8/22/2024 13:30:00 -	0.016	0.07	0.013	0.006	19977.95	0.009
CAMP 1 - Dust	8/22/2024 13:45:00 -	0.016	0.07	0.013	0.006	20877.87	0.009
CAMP 1 - Dust	8/22/2024 14:00:00 -	0.016	0.07	0.013	0.006	21778.35	0.01
CAMP 1 - Dust	8/22/2024 14:15:00 -	0.017	0.231	0.013	0.006	22678.53	0.01
CAMP 1 - Dust	8/22/2024 14:30:00 -	0.017	0.242	0.013	0.006	23573.58	0.011
CAMP 1 - Dust	8/22/2024 14:45:00 -	0.018	0.242	0.013	0.006	24478.55	0.011
CAMP 1 - Dust	8/22/2024 15:00:00 -	0.018	0.242	0.014	0.006	25377.88	0.012
CAMP 1 - Dust	8/22/2024 15:15:00 -	0.018	0.242	0.014	0.006	26277.7	0.013
CAMP 1 - Dust	8/22/2024 15:30:00 -	0.018	0.242	0.014	0.006	27177.67	0.013
CAMP 1 - Dust	8/22/2024 15:45:00 -	0.02	0.242	0.014	0.006	28075.49	0.014
CAMP 1 - Dust	8/22/2024 16:00:00 -	0.019	0.242	0.014	0.006	28850.14	0.014
CAMP 1 - Dust	8/23/2024 08:00:00 -	0.019	0.031	0.018	0	352.548	0
CAMP 1 - Dust	8/23/2024 08:15:00 -	0.019	0.034	0.019	0	1117.633	0.001
CAMP 1 - Dust	8/23/2024 08:30:00 -	0.018	0.035	0.019	0	2017.55	0.001
CAMP 1 - Dust	8/23/2024 08:45:00 -	0.018	0.035	0.019	0	2923.915	0.002
CAMP 1 - Dust	8/23/2024 09:00:00 -	0.018	0.035	0.019	0	3816.767	0.002
CAMP 1 - Dust	8/23/2024 09:15:00 -	0.017	0.037	0.018	0	4713.068	0.003
CAMP 1 - Dust	8/23/2024 09:30:00 -	0.018	0.046	0.018	0	5609.567	0.004
CAMP 1 - Dust	8/23/2024 09:45:00 -	0.018	0.046	0.018	0	6509.583	0.004
CAMP 1 - Dust	8/23/2024 10:00:00 -	0.019	0.046	0.018	0	7410.183	0.005
CAMP 1 - Dust	8/23/2024 10:15:00 -	0.019	0.046	0.018	0	8310.283	0.005
CAMP 1 - Dust	8/23/2024 10:30:00 -	0.02	0.046	0.019	0	9210.067	0.006
CAMP 1 - Dust	8/23/2024 10:45:00 -	0.02	0.046	0.019	0	10110.08	0.007
CAMP 1 - Dust	8/23/2024 11:00:00 -	0.02	0.046	0.019	0	11009.77	0.007
CAMP 1 - Dust	8/23/2024 11:15:00 -	0.021	0.046	0.019	0	11908.8	0.008
CAMP 1 - Dust	8/23/2024 11:30:00 -	0.02	0.046	0.019	0	12804.31	0.008
CAMP 1 - Dust	8/23/2024 11:45:00 -	0.021	0.046	0.019	0	13709.63	0.009
CAMP 1 - Dust	8/23/2024 12:00:00 -	0.021	0.046	0.019	0	14613.48	0.01
CAMP 1 - Dust	8/23/2024 12:15:00 -	0.021	0.051	0.019	0	15510.6	0.01
CAMP 1 - Dust	8/23/2024 12:30:00 -	0.022	0.065	0.019	0	16410.6	0.011
CAMP 1 - Dust	8/23/2024 12:45:00 -	0.021	0.065	0.02	0	17310.53	0.012
CAMP 1 - Dust	8/23/2024 13:00:00 -	0.022	0.065	0.02	0	18207.98	0.012
CAMP 1 - Dust	8/23/2024 13:15:00 -	0.022	0.065	0.02	0	19109.7	0.013
CAMP 1 - Dust	8/23/2024 13:30:00 -	0.024	0.065	0.02	0	20009.75	0.014
CAMP 1 - Dust	8/23/2024 13:45:00 -	0.024	0.065	0.02	0	20909.77	0.015
CAMP 1 - Dust	8/23/2024 14:00:00 -	0.026	0.174	0.02	0	21810.48	0.015
CAMP 1 - Dust	8/23/2024 14:15:00 -	0.025	0.429	0.021	0	22704.7	0.016
CAMP 1 - Dust	8/23/2024 14:30:00 -	0.027	0.429	0.021	0	23610.65	0.017
CAMP 1 - Dust	8/23/2024 14:45:00 -	0.026	0.429	0.021	0	24413.06	0.018
CAMP 1 - Dust	8/26/2024 08:30:00 -	0.039	0.043	0.037	0	62	0
CAMP 1 - Dust	8/26/2024 08:45:00 -	0.037	0.046	0.038	0	534.783	0
CAMP 1 - Dust	8/26/2024 09:00:00 -	0.036	0.047	0.037	0	1431	0.002
CAMP 1 - Dust	8/26/2024 09:15:00 -	0.035	0.047	0.036	0	2346.31	0.003
CAMP 1 - Dust	8/26/2024 09:30:00 -	0.036	0.047	0.036	0	3234.65	0.004
CAMP 1 - Dust	8/26/2024 09:45:00 -	0.036	0.047	0.036	0	4134.933	0.005
CAMP 1 - Dust	8/26/2024 10:00:00 -	0.037	0.048	0.036	0	5034.883	0.006
CAMP 1 - Dust	8/26/2024 10:15:00 -	0.037	0.049	0.036	0	5934.783	0.008
CAMP 1 - Dust	8/26/2024 10:30:00 -	0.039	0.052	0.037	0	6834.583	0.009
CAMP 1 - Dust	8/26/2024 10:45:00 -	0.039	0.052	0.037	0	7733.203	0.01
CAMP 1 - Dust	8/26/2024 11:00:00 -	0.039	0.052	0.037	0	8634.567	0.011
CAMP 1 - Dust	8/26/2024 11:15:00 -	0.041	0.061	0.037	0	9534.533	0.012
CAMP 1 - Dust	8/26/2024 11:30:00 -	0.039	0.062	0.038	0	10434.53	0.014
CAMP 1 - Dust	8/26/2024 11:45:00 -	0.04	0.062	0.038	0	11334.68	0.015
CAMP 1 - Dust	8/26/2024 12:00:00 -	0.039	0.062	0.038	0	12230.21	0.016
CAMP 1 - Dust	8/26/2024 12:15:00 -	0.04	0.062	0.038	0	13134.57	0.017
CAMP 1 - Dust	8/26/2024 12:30:00 -	0.039	0.062	0.038	0	14034.6	0.019
CAMP 1 - Dust	8/26/2024 12:45:00 -	0.038	0.062	0.038	0	14934.03	0.02
CAMP 1 - Dust	8/26/2024 13:00:00 -	0.037	0.062	0.038	0	15833.83	0.021
CAMP 1 - Dust	8/26/2024 13:15:00 -	0.038	0.063	0.038	0	16733.77	0.022
CAMP 1 - Dust	8/26/2024 13:30:00 -	0.036	0.063	0.038	0	17633.75	0.023
CAMP 1 - Dust	8/26/2024 13:45:00 -	0.034	0.063	0.038	0	18534.62	0.024
CAMP 1 - Dust	8/26/2024 14:00:00 -	0.035	0.063	0.038	0	19434.67	0.025
CAMP 1 - Dust	8/26/2024 14:15:00 -	0.035	0.063	0.038	0	20109.6	0.026
CAMP 1 - Dust	8/27/2024 08:45:00 -	0.036	0.038	0.035	0.027	19	0
CAMP 1 - Dust	8/27/2024 09:00:00 -	0.035	0.046	0.036	0.034	189.397	0
CAMP 1 - Dust	8/27/2024 09:15:00 -	0.033	0.052	0.034	0.03	1031.583	0.001
CAMP 1 - Dust	8/27/2024 09:30:00 -	0.034	0.052	0.034	0.03	1931.567	0.002
CAMP 1 - Dust	8/27/2024 09:45:00 -	-0.068	0.052	0.034	-0.07	2675.217	0.003
CAMP 1 - Dust	8/27/2024 10:00:00 -	-0.142	0.052	0.034	-0.141	2751	0.003
CAMP 1 - Dust	8/27/2024 10:15:00 -	-0.142	0.052	0.034	-0.141	2751	0.003
CAMP 1 - Dust	8/27/2024 10:30:00 -	-0.142	0.052	0.034	-0.141	2751	0.003
CAMP 1 - Dust	8/27/2024 10:45:00 -	-0.142	0.052	0.034	-0.141	2751	0.003

CAMP 1 - Dust	8/27/2024 11:00:00 -	-0.142	0.052	0.034	-0.141	2751	0.003
CAMP 1 - Dust	8/27/2024 11:15:00 -	-0.142	0.052	0.034	-0.141	2751	0.003
CAMP 1 - Dust	8/27/2024 11:30:00 -	-0.142	0.052	0.034	-0.141	2751	0.003
CAMP 1 - Dust	8/27/2024 11:45:00 -	-0.038	0.048	0.035	-0.045	1293.317	0.001
CAMP 1 - Dust	8/27/2024 12:00:00 -	0.04	0.142	0.04	0.025	964.517	0.001
CAMP 1 - Dust	8/27/2024 12:15:00 -	0.038	0.149	0.039	0.025	1864.533	0.003
CAMP 1 - Dust	8/27/2024 12:30:00 -	0.041	0.149	0.039	0.025	2764.617	0.004
CAMP 1 - Dust	8/27/2024 12:45:00 -	0.042	0.149	0.04	0.025	3664.417	0.005
CAMP 1 - Dust	8/27/2024 13:00:00 -	0.044	0.149	0.041	0.025	4564.3	0.006
CAMP 1 - Dust	8/27/2024 13:15:00 -	0.051	0.19	0.042	0.025	5464.233	0.008
CAMP 1 - Dust	8/27/2024 13:30:00 -	0.045	0.277	0.043	0.025	6364.167	0.009
CAMP 1 - Dust	8/27/2024 13:45:00 -	0.045	0.277	0.043	0.025	7226.691	0.011

Deployment Label	Date	Time Period	concentration
CAMP 1 - TVOCs	8/20/2024	08:30:00 - 0	0.001
CAMP 1 - TVOCs	8/20/2024	08:45:00 - 0	0.001
CAMP 1 - TVOCs	8/20/2024	09:00:00 - 0	0.01
CAMP 1 - TVOCs	8/20/2024	09:15:00 - 0	0.025
CAMP 1 - TVOCs	8/20/2024	09:30:00 - 0	0.038
CAMP 1 - TVOCs	8/20/2024	09:45:00 - 0	0.046
CAMP 1 - TVOCs	8/20/2024	10:00:00 - 0	0.057
CAMP 1 - TVOCs	8/20/2024	10:15:00 - 0	0.065
CAMP 1 - TVOCs	8/20/2024	10:30:00 - 0	0.072
CAMP 1 - TVOCs	8/20/2024	10:45:00 - 0	0.078
CAMP 1 - TVOCs	8/20/2024	11:00:00 - 0	0.081
CAMP 1 - TVOCs	8/20/2024	11:15:00 - 0	0.088
CAMP 1 - TVOCs	8/20/2024	11:30:00 - 0	0.099
CAMP 1 - TVOCs	8/20/2024	11:45:00 - 0	0.103
CAMP 1 - TVOCs	8/20/2024	12:00:00 - 0	0.106
CAMP 1 - TVOCs	8/20/2024	12:15:00 - 0	0.113
CAMP 1 - TVOCs	8/20/2024	12:30:00 - 0	0.111
CAMP 1 - TVOCs	8/20/2024	12:45:00 - 0	0.109
CAMP 1 - TVOCs	8/20/2024	13:00:00 - 0	0.103
CAMP 1 - TVOCs	8/20/2024	13:15:00 - 0	0.108
CAMP 1 - TVOCs	8/20/2024	13:30:00 - 0	0.118
CAMP 1 - TVOCs	8/20/2024	13:45:00 - 0	0.106
CAMP 1 - TVOCs	8/20/2024	14:00:00 - 0	0.094
CAMP 1 - TVOCs	8/20/2024	14:15:00 - 0	0.092
CAMP 1 - TVOCs	8/21/2024	07:45:00 - 0	0.001
CAMP 1 - TVOCs	8/21/2024	08:00:00 - 0	0
CAMP 1 - TVOCs	8/21/2024	08:15:00 - 0	0.009
CAMP 1 - TVOCs	8/21/2024	08:30:00 - 0	0.01
CAMP 1 - TVOCs	8/21/2024	08:45:00 - 0	0.011
CAMP 1 - TVOCs	8/21/2024	09:00:00 - 0	0.021
CAMP 1 - TVOCs	8/21/2024	09:15:00 - 0	0.029
CAMP 1 - TVOCs	8/21/2024	09:30:00 - 0	0.038
CAMP 1 - TVOCs	8/21/2024	09:45:00 - 0	0.053
CAMP 1 - TVOCs	8/21/2024	10:00:00 - 0	0.071
CAMP 1 - TVOCs	8/21/2024	10:15:00 - 0	0.079
CAMP 1 - TVOCs	8/21/2024	10:30:00 - 0	0.083
CAMP 1 - TVOCs	8/21/2024	10:45:00 - 0	0.072
CAMP 1 - TVOCs	8/21/2024	11:00:00 - 0	0.067
CAMP 1 - TVOCs	8/21/2024	11:15:00 - 0	0.068
CAMP 1 - TVOCs	8/21/2024	11:30:00 - 0	0.072
CAMP 1 - TVOCs	8/21/2024	11:45:00 - 0	0.08
CAMP 1 - TVOCs	8/21/2024	12:00:00 - 0	0.088
CAMP 1 - TVOCs	8/21/2024	12:15:00 - 0	0.122
CAMP 1 - TVOCs	8/21/2024	12:30:00 - 0	0.11

CAMP 1 - TVOCs	8/21/2024 12:45:00 -	0.075
CAMP 1 - TVOCs	8/21/2024 13:00:00 -	0.064
CAMP 1 - TVOCs	8/21/2024 13:15:00 -	0.055
CAMP 1 - TVOCs	8/21/2024 13:30:00 -	0.05
CAMP 1 - TVOCs	8/21/2024 13:45:00 -	0.046
CAMP 1 - TVOCs	8/21/2024 14:00:00 -	0.049
CAMP 1 - TVOCs	8/21/2024 14:15:00 -	0.051
CAMP 1 - TVOCs	8/22/2024 07:45:00 -	0.011
CAMP 1 - TVOCs	8/22/2024 08:00:00 -	0.004
CAMP 1 - TVOCs	8/22/2024 08:15:00 -	0.012
CAMP 1 - TVOCs	8/22/2024 08:30:00 -	0.029
CAMP 1 - TVOCs	8/22/2024 08:45:00 -	0.043
CAMP 1 - TVOCs	8/22/2024 09:00:00 -	0.051
CAMP 1 - TVOCs	8/22/2024 09:15:00 -	0.067
CAMP 1 - TVOCs	8/22/2024 09:30:00 -	0.078
CAMP 1 - TVOCs	8/22/2024 09:45:00 -	0.079
CAMP 1 - TVOCs	8/22/2024 10:00:00 -	0.077
CAMP 1 - TVOCs	8/22/2024 10:15:00 -	0.075
CAMP 1 - TVOCs	8/22/2024 10:30:00 -	0.069
CAMP 1 - TVOCs	8/22/2024 10:45:00 -	0.073
CAMP 1 - TVOCs	8/22/2024 11:00:00 -	0.07
CAMP 1 - TVOCs	8/22/2024 11:15:00 -	0.071
CAMP 1 - TVOCs	8/22/2024 11:30:00 -	0.073
CAMP 1 - TVOCs	8/22/2024 11:45:00 -	0.077
CAMP 1 - TVOCs	8/22/2024 12:00:00 -	0.078
CAMP 1 - TVOCs	8/22/2024 12:15:00 -	0.074
CAMP 1 - TVOCs	8/22/2024 12:30:00 -	0.078
CAMP 1 - TVOCs	8/22/2024 12:45:00 -	0.083
CAMP 1 - TVOCs	8/22/2024 13:00:00 -	0.08
CAMP 1 - TVOCs	8/22/2024 13:15:00 -	0.076
CAMP 1 - TVOCs	8/22/2024 13:30:00 -	0.079
CAMP 1 - TVOCs	8/22/2024 13:45:00 -	0.079
CAMP 1 - TVOCs	8/22/2024 14:00:00 -	0.076
CAMP 1 - TVOCs	8/22/2024 14:15:00 -	0.072
CAMP 1 - TVOCs	8/22/2024 14:30:00 -	0.072
CAMP 1 - TVOCs	8/22/2024 14:45:00 -	0.075
CAMP 1 - TVOCs	8/22/2024 15:00:00 -	0.067
CAMP 1 - TVOCs	8/22/2024 15:15:00 -	0.061
CAMP 1 - TVOCs	8/22/2024 15:30:00 -	0.06
CAMP 1 - TVOCs	8/22/2024 15:45:00 -	0.058
CAMP 1 - TVOCs	8/22/2024 16:00:00 -	0.051
CAMP 1 - TVOCs	8/23/2024 08:00:00 -	0.038
CAMP 1 - TVOCs	8/23/2024 08:15:00 -	0.05
CAMP 1 - TVOCs	8/23/2024 08:30:00 -	0.048
CAMP 1 - TVOCs	8/23/2024 08:45:00 -	0.059

CAMP 1 - TVOCs	8/23/2024 09:00:00 - 09:05:00	0.066
CAMP 1 - TVOCs	8/23/2024 09:15:00 - 09:20:00	0.075
CAMP 1 - TVOCs	8/23/2024 09:30:00 - 09:35:00	0.08
CAMP 1 - TVOCs	8/23/2024 09:45:00 - 09:50:00	0.087
CAMP 1 - TVOCs	8/23/2024 10:00:00 - 10:05:00	0.097
CAMP 1 - TVOCs	8/23/2024 10:15:00 - 10:20:00	0.103
CAMP 1 - TVOCs	8/23/2024 10:30:00 - 10:35:00	0.099
CAMP 1 - TVOCs	8/23/2024 10:45:00 - 10:50:00	0.094
CAMP 1 - TVOCs	8/23/2024 11:00:00 - 11:05:00	0.094
CAMP 1 - TVOCs	8/23/2024 11:15:00 - 11:20:00	0.089
CAMP 1 - TVOCs	8/23/2024 11:30:00 - 11:35:00	0.081
CAMP 1 - TVOCs	8/23/2024 11:45:00 - 11:50:00	0.088
CAMP 1 - TVOCs	8/23/2024 12:00:00 - 12:05:00	0.091
CAMP 1 - TVOCs	8/23/2024 12:15:00 - 12:20:00	0.088
CAMP 1 - TVOCs	8/23/2024 12:30:00 - 12:35:00	0.076
CAMP 1 - TVOCs	8/23/2024 12:45:00 - 12:50:00	0.074
CAMP 1 - TVOCs	8/23/2024 13:00:00 - 13:05:00	0.056
CAMP 1 - TVOCs	8/23/2024 13:15:00 - 13:20:00	0.067
CAMP 1 - TVOCs	8/23/2024 13:30:00 - 13:35:00	0.056
CAMP 1 - TVOCs	8/23/2024 13:45:00 - 13:50:00	0.066
CAMP 1 - TVOCs	8/23/2024 14:00:00 - 14:05:00	0.049
CAMP 1 - TVOCs	8/23/2024 14:15:00 - 14:20:00	0.031
CAMP 1 - TVOCs	8/23/2024 14:30:00 - 14:35:00	0.048
CAMP 1 - TVOCs	8/23/2024 14:45:00 - 14:50:00	0.052
CAMP 1 - TVOCs	8/26/2024 08:30:00 - 08:35:00	0.522
CAMP 1 - TVOCs	8/26/2024 08:45:00 - 08:50:00	0.296
CAMP 1 - TVOCs	8/26/2024 09:00:00 - 09:05:00	0.152
CAMP 1 - TVOCs	8/26/2024 09:15:00 - 09:20:00	0.109
CAMP 1 - TVOCs	8/26/2024 09:30:00 - 09:35:00	0.107
CAMP 1 - TVOCs	8/26/2024 09:45:00 - 09:50:00	0.118
CAMP 1 - TVOCs	8/26/2024 10:00:00 - 10:05:00	0.108
CAMP 1 - TVOCs	8/26/2024 10:15:00 - 10:20:00	0.099
CAMP 1 - TVOCs	8/26/2024 10:30:00 - 10:35:00	0.112
CAMP 1 - TVOCs	8/26/2024 10:45:00 - 10:50:00	0.116
CAMP 1 - TVOCs	8/26/2024 11:00:00 - 11:05:00	0.119
CAMP 1 - TVOCs	8/26/2024 11:15:00 - 11:20:00	0.126
CAMP 1 - TVOCs	8/26/2024 11:30:00 - 11:35:00	0.116
CAMP 1 - TVOCs	8/26/2024 11:45:00 - 11:50:00	0.076
CAMP 1 - TVOCs	8/26/2024 12:00:00 - 12:05:00	0.03
CAMP 1 - TVOCs	8/26/2024 12:15:00 - 12:20:00	0.011
CAMP 1 - TVOCs	8/26/2024 12:30:00 - 12:35:00	0.01
CAMP 1 - TVOCs	8/26/2024 12:45:00 - 12:50:00	0.015
CAMP 1 - TVOCs	8/26/2024 13:00:00 - 13:05:00	0.018
CAMP 1 - TVOCs	8/26/2024 13:15:00 - 13:20:00	0.03
CAMP 1 - TVOCs	8/26/2024 13:30:00 - 13:35:00	0.028

CAMP 1 - TVOCs	8/26/2024 13:45:00 -	0.029
CAMP 1 - TVOCs	8/26/2024 14:00:00 -	0.036
CAMP 1 - TVOCs	8/26/2024 14:15:00 -	0.039
CAMP 1 - TVOCs	8/27/2024 08:45:00 -	16.289
CAMP 1 - TVOCs	8/27/2024 09:00:00 -	0
CAMP 1 - TVOCs	8/27/2024 09:15:00 -	0
CAMP 1 - TVOCs	8/27/2024 09:30:00 -	0
CAMP 1 - TVOCs	8/27/2024 09:45:00 -	0
CAMP 1 - TVOCs	8/27/2024 10:00:00 -	0
CAMP 1 - TVOCs	8/27/2024 10:15:00 -	0
CAMP 1 - TVOCs	8/27/2024 10:30:00 -	0
CAMP 1 - TVOCs	8/27/2024 10:45:00 -	0
CAMP 1 - TVOCs	8/27/2024 11:00:00 -	0
CAMP 1 - TVOCs	8/27/2024 11:15:00 -	0
CAMP 1 - TVOCs	8/27/2024 11:30:00 -	0
CAMP 1 - TVOCs	8/27/2024 11:45:00 -	0
CAMP 1 - TVOCs	8/27/2024 12:00:00 -	0
CAMP 1 - TVOCs	8/27/2024 12:15:00 -	0
CAMP 1 - TVOCs	8/27/2024 12:30:00 -	0
CAMP 1 - TVOCs	8/27/2024 12:45:00 -	0
CAMP 1 - TVOCs	8/27/2024 13:00:00 -	0
CAMP 1 - TVOCs	8/27/2024 13:15:00 -	0
CAMP 1 - TVOCs	8/27/2024 13:30:00 -	0
CAMP 1 - TVOCs	8/27/2024 13:45:00 -	0

Deployment Label	Date	Time Period	concentrat	maximum	mean	minimum	runSecond	weightedM
CAMP 2 - Dust	8/20/2024	08:30:00 - 0	0.01	0.093	0.013	0	330.395	0
CAMP 2 - Dust	8/20/2024	08:45:00 - 0	0.008	0.098	0.009	0	1102.733	0
CAMP 2 - Dust	8/20/2024	09:00:00 - 0	0.013	0.224	0.011	0	2002.8	0.001
CAMP 2 - Dust	8/20/2024	09:15:00 - 0	0.015	0.252	0.01	0	2907.034	0.001
CAMP 2 - Dust	8/20/2024	09:30:00 - 0	0.02	0.357	0.013	0	3802.7	0.002
CAMP 2 - Dust	8/20/2024	09:45:00 - 0	0.018	0.42	0.013	0	4707.949	0.002
CAMP 2 - Dust	8/20/2024	10:00:00 - 0	0.016	0.489	0.013	0	5602.617	0.003
CAMP 2 - Dust	8/20/2024	10:15:00 - 0	0.011	0.489	0.014	0	6503.467	0.003
CAMP 2 - Dust	8/20/2024	10:30:00 - 0	0.013	0.489	0.013	0	7403.283	0.003
CAMP 2 - Dust	8/20/2024	10:45:00 - 0	0.011	0.489	0.013	0	8303.017	0.004
CAMP 2 - Dust	8/20/2024	11:00:00 - 0	0.007	0.489	0.013	0	9202.917	0.004
CAMP 2 - Dust	8/20/2024	11:15:00 - 0	0.007	0.489	0.012	0	10102.77	0.004
CAMP 2 - Dust	8/20/2024	11:30:00 - 0	0.007	0.489	0.012	0	11002.72	0.004
CAMP 2 - Dust	8/20/2024	11:45:00 - 0	0.007	0.489	0.011	0	11902.77	0.005
CAMP 2 - Dust	8/20/2024	12:00:00 - 0	0.007	0.489	0.011	0	12802.73	0.005
CAMP 2 - Dust	8/20/2024	12:15:00 - 0	0.008	0.489	0.011	0	13702.7	0.005
CAMP 2 - Dust	8/20/2024	12:30:00 - 0	0.007	0.489	0.011	0	14597.49	0.005
CAMP 2 - Dust	8/20/2024	12:45:00 - 0	0.025	0.731	0.011	0	15497.51	0.006
CAMP 2 - Dust	8/20/2024	13:00:00 - 0	0.007	1.24	0.012	0	16411.98	0.007
CAMP 2 - Dust	8/20/2024	13:15:00 - 0	0.04	1.259	0.012	0	17300.72	0.007
CAMP 2 - Dust	8/20/2024	13:30:00 - 0	0.023	1.6	0.013	0	18205.24	0.008
CAMP 2 - Dust	8/20/2024	13:45:00 - 0	0.008	1.6	0.013	0	19107.75	0.009
CAMP 2 - Dust	8/20/2024	14:00:00 - 0	0.025	1.6	0.013	0	20002.3	0.009
CAMP 2 - Dust	8/20/2024	14:15:00 - 0	0.016	1.6	0.014	0	20587.28	0.01
CAMP 2 - Dust	8/21/2024	08:00:00 - 0	0.006	0.057	0.007	0	396.184	0
CAMP 2 - Dust	8/21/2024	08:15:00 - 0	0.007	0.057	0.007	0	1213.683	0
CAMP 2 - Dust	8/21/2024	08:30:00 - 0	0.007	0.057	0.007	0	2113.533	0.001
CAMP 2 - Dust	8/21/2024	08:45:00 - 0	0.022	0.166	0.009	0	3009.983	0.001
CAMP 2 - Dust	8/21/2024	09:00:00 - 0	0.01	0.216	0.01	0	3917.034	0.001
CAMP 2 - Dust	8/21/2024	09:15:00 - 0	0.008	0.216	0.01	0	4812.833	0.002
CAMP 2 - Dust	8/21/2024	09:30:00 - 0	0.01	0.216	0.01	0	5719.339	0.002
CAMP 2 - Dust	8/21/2024	09:45:00 - 0	0.009	0.216	0.01	0	6617.932	0.002
CAMP 2 - Dust	8/21/2024	10:00:00 - 0	0.007	0.216	0.01	0	7514.78	0.003
CAMP 2 - Dust	8/21/2024	10:15:00 - 0	0.009	0.216	0.01	0	8412.55	0.003
CAMP 2 - Dust	8/21/2024	10:30:00 - 0	0.008	0.216	0.009	0	9312.7	0.003
CAMP 2 - Dust	8/21/2024	10:45:00 - 0	0.008	0.216	0.009	0	10218.17	0.003
CAMP 2 - Dust	8/21/2024	11:00:00 - 0	0.01	0.216	0.009	0	11115.63	0.004
CAMP 2 - Dust	8/21/2024	11:15:00 - 0	0.021	0.733	0.011	0	12015.62	0.005
CAMP 2 - Dust	8/21/2024	11:30:00 - 0	0.026	0.783	0.011	0	12915.6	0.005
CAMP 2 - Dust	8/21/2024	11:45:00 - 0	0.017	2.265	0.012	0	13808.12	0.006
CAMP 2 - Dust	8/21/2024	12:00:00 - 0	0.012	2.77	0.012	0	14708.92	0.006
CAMP 2 - Dust	8/21/2024	12:15:00 - 0	0.01	2.77	0.012	0	15616.37	0.006
CAMP 2 - Dust	8/21/2024	12:30:00 - 0	0.017	2.77	0.012	0	16298.74	0.007
CAMP 2 - Dust	8/21/2024	13:00:00 - 0	0.013	2.77	0.012	0	18375.98	0.008

CAMP 2 - Dust	8/21/2024 13:15:00 -	0.015	2.77	0.012	0	19216.02	0.008
CAMP 2 - Dust	8/21/2024 13:30:00 -	0.011	2.77	0.012	0	20122.51	0.009
CAMP 2 - Dust	8/21/2024 13:45:00 -	0.009	2.77	0.012	0	21015.8	0.009
CAMP 2 - Dust	8/21/2024 14:00:00 -	0.01	2.77	0.012	0	21615.8	0.009
CAMP 2 - Dust	8/22/2024 07:45:00 -	0.008	0.04	0.008	0	175.524	0
CAMP 2 - Dust	8/22/2024 08:00:00 -	0.009	0.041	0.008	0	783.233	0
CAMP 2 - Dust	8/22/2024 08:15:00 -	0.008	0.041	0.008	0	1683.15	0
CAMP 2 - Dust	8/22/2024 08:30:00 -	0.009	0.041	0.008	0	2583.133	0.001
CAMP 2 - Dust	8/22/2024 08:45:00 -	0.009	0.041	0.009	0	3488.763	0.001
CAMP 2 - Dust	8/22/2024 09:00:00 -	0.009	0.041	0.009	0	4383.567	0.001
CAMP 2 - Dust	8/22/2024 09:15:00 -	0.009	0.041	0.009	0	5283.583	0.002
CAMP 2 - Dust	8/22/2024 09:30:00 -	0.01	0.042	0.009	0	6183.633	0.002
CAMP 2 - Dust	8/22/2024 09:45:00 -	0.01	0.071	0.009	0	7083.717	0.002
CAMP 2 - Dust	8/22/2024 10:00:00 -	0.01	0.071	0.009	0	7983.7	0.003
CAMP 2 - Dust	8/22/2024 10:15:00 -	0.011	0.071	0.009	0	8889.475	0.003
CAMP 2 - Dust	8/22/2024 10:30:00 -	0.011	0.071	0.009	0	9781.322	0.003
CAMP 2 - Dust	8/22/2024 10:45:00 -	0.01	0.071	0.009	0	10683.57	0.004
CAMP 2 - Dust	8/22/2024 11:00:00 -	0.011	0.071	0.01	0	11583.63	0.004
CAMP 2 - Dust	8/22/2024 11:15:00 -	0.011	0.071	0.01	0	12483.58	0.004
CAMP 2 - Dust	8/22/2024 11:30:00 -	0.011	0.071	0.01	0	13383.37	0.005
CAMP 2 - Dust	8/22/2024 11:45:00 -	0.012	0.071	0.01	0	14283.07	0.005
CAMP 2 - Dust	8/22/2024 12:00:00 -	0.013	0.084	0.01	0	15185.05	0.005
CAMP 2 - Dust	8/22/2024 12:15:00 -	0.016	0.107	0.01	0	16089.83	0.006
CAMP 2 - Dust	8/22/2024 12:30:00 -	0.021	0.109	0.011	0	16878.13	0.006
CAMP 2 - Dust	8/22/2024 13:30:00 -	0.02	0.109	0.011	0	20875.64	0.008
CAMP 2 - Dust	8/22/2024 13:45:00 -	0.017	0.109	0.012	0	21490.53	0.009
CAMP 2 - Dust	8/22/2024 14:00:00 -	0.017	0.109	0.012	0	22390.6	0.009
CAMP 2 - Dust	8/22/2024 14:15:00 -	0.016	0.109	0.012	0	23290.62	0.01
CAMP 2 - Dust	8/22/2024 14:30:00 -	0.034	0.788	0.013	0	24190.77	0.011
CAMP 2 - Dust	8/22/2024 14:45:00 -	0.053	1.13	0.013	0	25091.07	0.011
CAMP 2 - Dust	8/22/2024 15:00:00 -	0.039	1.13	0.015	0	25992.14	0.013
CAMP 2 - Dust	8/22/2024 15:15:00 -	0.021	1.13	0.015	0	26890.92	0.014
CAMP 2 - Dust	8/22/2024 15:30:00 -	0.037	1.13	0.015	0	27790.7	0.015
CAMP 2 - Dust	8/22/2024 15:45:00 -	0.018	1.13	0.016	0	28690.62	0.016
CAMP 2 - Dust	8/22/2024 16:00:00 -	0.015	1.13	0.016	0	29185.67	0.016
CAMP 2 - Dust	8/23/2024 08:15:00 -	0.021	0.029	0.021	0	278.607	0
CAMP 2 - Dust	8/23/2024 08:30:00 -	0.019	0.03	0.02	0	938.583	0.001
CAMP 2 - Dust	8/23/2024 08:45:00 -	0.018	0.031	0.019	0	1838.633	0.001
CAMP 2 - Dust	8/23/2024 09:00:00 -	0.018	0.035	0.019	0	2738.55	0.002
CAMP 2 - Dust	8/23/2024 09:15:00 -	0.017	0.049	0.018	0	3634.678	0.002
CAMP 2 - Dust	8/23/2024 09:30:00 -	0.017	0.049	0.018	0	4531.517	0.003
CAMP 2 - Dust	8/23/2024 09:45:00 -	0.017	0.049	0.018	0	5431.55	0.003
CAMP 2 - Dust	8/23/2024 10:00:00 -	0.017	0.049	0.018	0	6331.533	0.004
CAMP 2 - Dust	8/23/2024 10:15:00 -	0.017	0.049	0.018	0	7231.083	0.004
CAMP 2 - Dust	8/23/2024 10:30:00 -	0.018	0.049	0.018	0	8131.017	0.005

CAMP 2 - Dust	8/23/2024 10:45:00 -	0.019	0.056	0.018	0	8995.314	0.006
CAMP 2 - Dust	8/23/2024 11:00:00 -	0.017	0.065	0.018	0	9931.467	0.006
CAMP 2 - Dust	8/23/2024 11:15:00 -	0.016	0.065	0.018	0	10831.65	0.007
CAMP 2 - Dust	8/23/2024 11:30:00 -	0.018	0.059	0.018	0	7168.81	0.004
CAMP 2 - Dust	8/23/2024 11:45:00 -	0.016	0.054	0.017	0	738.383	0
CAMP 2 - Dust	8/23/2024 12:00:00 -	0.018	0.082	0.017	0	1639.25	0.001
CAMP 2 - Dust	8/23/2024 12:15:00 -	0.019	0.118	0.017	0	2535.254	0.002
CAMP 2 - Dust	8/23/2024 12:30:00 -	0.015	0.122	0.017	0	3439.267	0.002
CAMP 2 - Dust	8/23/2024 12:45:00 -	0.015	0.122	0.016	0	4339.05	0.002
CAMP 2 - Dust	8/23/2024 13:00:00 -	0.015	0.122	0.016	0	5239.083	0.003
CAMP 2 - Dust	8/23/2024 13:15:00 -	0.016	0.122	0.016	0	6139.083	0.003
CAMP 2 - Dust	8/23/2024 13:30:00 -	0.016	0.122	0.016	0	7039.05	0.004
CAMP 2 - Dust	8/23/2024 13:45:00 -	0.017	0.122	0.016	0	7938.883	0.004
CAMP 2 - Dust	8/23/2024 14:00:00 -	0.018	0.122	0.016	0	8838.867	0.005
CAMP 2 - Dust	8/23/2024 14:15:00 -	0.018	0.122	0.016	0	9738.917	0.006
CAMP 2 - Dust	8/23/2024 14:30:00 -	0.019	0.122	0.017	0	10638.97	0.006
CAMP 2 - Dust	8/23/2024 14:45:00 -	0.018	0.122	0.017	0	11516.25	0.007
CAMP 2 - Dust	8/26/2024 08:30:00 -	0.047	0.154	0.051	0	178	0
CAMP 2 - Dust	8/26/2024 08:45:00 -	0.042	0.158	0.045	0	785.633	0.001
CAMP 2 - Dust	8/26/2024 09:00:00 -	0.041	0.158	0.043	0	1685.617	0.003
CAMP 2 - Dust	8/26/2024 09:15:00 -	0.041	0.158	0.042	0	2585.65	0.004
CAMP 2 - Dust	8/26/2024 09:30:00 -	0.039	0.158	0.042	0	3485.567	0.005
CAMP 2 - Dust	8/26/2024 09:45:00 -	0.038	0.158	0.041	0	4385.3	0.006
CAMP 2 - Dust	8/26/2024 10:00:00 -	0.036	0.158	0.04	0	5282.136	0.007
CAMP 2 - Dust	8/26/2024 10:15:00 -	0.036	0.158	0.04	0	6189.414	0.009
CAMP 2 - Dust	8/26/2024 10:30:00 -	0.037	0.158	0.039	0	7084.8	0.01
CAMP 2 - Dust	8/26/2024 10:45:00 -	0.04	0.158	0.039	0	7984.767	0.011
CAMP 2 - Dust	8/26/2024 11:00:00 -	0.037	0.164	0.039	0	8884.617	0.012
CAMP 2 - Dust	8/26/2024 11:15:00 -	0.037	0.164	0.039	0	9784.567	0.013
CAMP 2 - Dust	8/26/2024 11:30:00 -	0.034	0.164	0.039	0	10684.6	0.014
CAMP 2 - Dust	8/26/2024 11:45:00 -	0.035	0.164	0.038	0	11584.58	0.015
CAMP 2 - Dust	8/26/2024 12:00:00 -	0.033	0.164	0.038	0	12484.63	0.016
CAMP 2 - Dust	8/26/2024 12:15:00 -	0.033	0.164	0.038	0	13384.58	0.018
CAMP 2 - Dust	8/26/2024 12:30:00 -	0.032	0.164	0.037	0	14285	0.019
CAMP 2 - Dust	8/26/2024 12:45:00 -	0.031	0.164	0.037	0	15185.4	0.02
CAMP 2 - Dust	8/26/2024 13:00:00 -	0.031	0.164	0.037	0	16085.22	0.021
CAMP 2 - Dust	8/26/2024 13:15:00 -	0.031	0.164	0.036	0	16983.14	0.021
CAMP 2 - Dust	8/26/2024 13:30:00 -	0.029	0.164	0.036	0	17878.15	0.022
CAMP 2 - Dust	8/26/2024 13:45:00 -	0.029	0.164	0.036	0	18779.79	0.023
CAMP 2 - Dust	8/26/2024 14:00:00 -	0.03	0.164	0.035	0	19689.64	0.024
CAMP 2 - Dust	8/26/2024 14:15:00 -	0.03	0.164	0.035	0	20329.62	0.025
CAMP 2 - Dust	8/27/2024 08:30:00 -	0.044	0.09	0.043	0	122.455	0
CAMP 2 - Dust	8/27/2024 08:45:00 -	0.041	0.094	0.042	0	655.05	0
CAMP 2 - Dust	8/27/2024 09:00:00 -	0.037	0.094	0.041	0	1554.967	0.002
CAMP 2 - Dust	8/27/2024 09:15:00 -	0.035	0.094	0.039	0	2454.95	0.003

CAMP 2 - Dust	8/27/2024 09:30:00 - 10:00:00	0.035	0.094	0.038	0	3354.75	0.004
CAMP 2 - Dust	8/27/2024 09:45:00 - 10:15:00	0.033	0.094	0.037	0	4254.567	0.005
CAMP 2 - Dust	8/27/2024 10:00:00 - 10:30:00	0.032	0.117	0.036	0	5154.271	0.006
CAMP 2 - Dust	8/27/2024 10:15:00 - 10:45:00	0.032	0.781	0.036	0	6050.186	0.007
CAMP 2 - Dust	8/27/2024 10:30:00 - 11:00:00	0.074	0.972	0.036	0	6953.397	0.009
CAMP 2 - Dust	8/27/2024 10:45:00 - 11:15:00	0.036	2.01	0.041	0	7853.707	0.011
CAMP 2 - Dust	8/27/2024 11:00:00 - 11:30:00	0.131	12.201	0.048	0	8761.707	0.015
CAMP 2 - Dust	8/27/2024 11:15:00 - 11:45:00	0.03	21.4	0.054	0	9654.033	0.018
CAMP 2 - Dust	8/27/2024 11:30:00 - 12:00:00	0.031	21.4	0.052	0	10553.88	0.019
CAMP 2 - Dust	8/27/2024 11:45:00 - 12:15:00	0.03	21.4	0.05	0	11460.86	0.02
CAMP 2 - Dust	8/27/2024 12:00:00 - 12:30:00	0.032	21.4	0.049	0	12353.65	0.021
CAMP 2 - Dust	8/27/2024 12:15:00 - 12:45:00	0.032	21.4	0.048	0	13253.68	0.022
CAMP 2 - Dust	8/27/2024 12:30:00 - 13:00:00	0.033	21.4	0.047	0	14153.88	0.023
CAMP 2 - Dust	8/27/2024 12:45:00 - 13:15:00	0.035	21.4	0.046	0	15054.77	0.024
CAMP 2 - Dust	8/27/2024 13:00:00 - 13:30:00	0.036	21.4	0.046	0	15954.88	0.025
CAMP 2 - Dust	8/27/2024 13:15:00 - 13:45:00	0.036	21.4	0.045	0	16854.78	0.026
CAMP 2 - Dust	8/27/2024 13:30:00 - 14:00:00	0.036	21.4	0.045	0	17752.75	0.028
CAMP 2 - Dust	8/27/2024 13:45:00 - 14:15:00	0.037	21.4	0.044	0	18654.72	0.029
CAMP 2 - Dust	8/27/2024 14:00:00 - 14:30:00	0.052	21.4	0.044	0	19135	0.029

ean

Deployment Label	Date	Time Period	concentration
CAMP 2 - TVOCs	8/20/2024	08:30:00 - 0	0.018
CAMP 2 - TVOCs	8/20/2024	08:45:00 - 0	0.041
CAMP 2 - TVOCs	8/20/2024	09:00:00 - 0	0.097
CAMP 2 - TVOCs	8/20/2024	09:15:00 - 0	0.145
CAMP 2 - TVOCs	8/20/2024	09:30:00 - 0	0.181
CAMP 2 - TVOCs	8/20/2024	09:45:00 - 0	0.202
CAMP 2 - TVOCs	8/20/2024	10:00:00 - 0	0.223
CAMP 2 - TVOCs	8/20/2024	10:15:00 - 0	0.228
CAMP 2 - TVOCs	8/20/2024	10:30:00 - 0	0.247
CAMP 2 - TVOCs	8/20/2024	10:45:00 - 0	0.249
CAMP 2 - TVOCs	8/20/2024	11:00:00 - 0	0.247
CAMP 2 - TVOCs	8/20/2024	11:15:00 - 0	0.251
CAMP 2 - TVOCs	8/20/2024	11:30:00 - 0	0.262
CAMP 2 - TVOCs	8/20/2024	11:45:00 - 0	0.271
CAMP 2 - TVOCs	8/20/2024	12:00:00 - 0	0.264
CAMP 2 - TVOCs	8/20/2024	12:15:00 - 0	0.278
CAMP 2 - TVOCs	8/20/2024	12:30:00 - 0	0.291
CAMP 2 - TVOCs	8/20/2024	12:45:00 - 0	0.277
CAMP 2 - TVOCs	8/20/2024	13:00:00 - 0	0.264
CAMP 2 - TVOCs	8/20/2024	13:15:00 - 0	0.273
CAMP 2 - TVOCs	8/20/2024	13:30:00 - 0	0.292
CAMP 2 - TVOCs	8/20/2024	13:45:00 - 0	0.252
CAMP 2 - TVOCs	8/20/2024	14:00:00 - 0	0.225
CAMP 2 - TVOCs	8/20/2024	14:15:00 - 0	0.217
CAMP 2 - TVOCs	8/21/2024	08:00:00 - 0	0.057
CAMP 2 - TVOCs	8/21/2024	08:15:00 - 0	0.102
CAMP 2 - TVOCs	8/21/2024	08:30:00 - 0	0.141
CAMP 2 - TVOCs	8/21/2024	08:45:00 - 0	0.185
CAMP 2 - TVOCs	8/21/2024	09:00:00 - 0	0.202
CAMP 2 - TVOCs	8/21/2024	09:15:00 - 0	0.215
CAMP 2 - TVOCs	8/21/2024	09:30:00 - 0	0.232
CAMP 2 - TVOCs	8/21/2024	09:45:00 - 0	0.237
CAMP 2 - TVOCs	8/21/2024	10:00:00 - 0	0.236
CAMP 2 - TVOCs	8/21/2024	10:15:00 - 0	0.236
CAMP 2 - TVOCs	8/21/2024	10:30:00 - 0	0.235
CAMP 2 - TVOCs	8/21/2024	10:45:00 - 0	0.232
CAMP 2 - TVOCs	8/21/2024	11:00:00 - 0	0.237
CAMP 2 - TVOCs	8/21/2024	11:15:00 - 0	0.244
CAMP 2 - TVOCs	8/21/2024	11:30:00 - 0	0.251
CAMP 2 - TVOCs	8/21/2024	11:45:00 - 0	0.236
CAMP 2 - TVOCs	8/21/2024	12:00:00 - 0	0.226
CAMP 2 - TVOCs	8/21/2024	12:15:00 - 0	0.218
CAMP 2 - TVOCs	8/21/2024	12:30:00 - 0	0.215
CAMP 2 - TVOCs	8/21/2024	12:45:00 - 0	0.23

CAMP 2 - TVOCs	8/21/2024 13:00:00 -	0.236
CAMP 2 - TVOCs	8/21/2024 13:15:00 -	0.214
CAMP 2 - TVOCs	8/21/2024 13:30:00 -	0.205
CAMP 2 - TVOCs	8/21/2024 13:45:00 -	0.194
CAMP 2 - TVOCs	8/21/2024 14:00:00 -	0.19
CAMP 2 - TVOCs	8/22/2024 07:45:00 -	0.035
CAMP 2 - TVOCs	8/22/2024 08:00:00 -	0.075
CAMP 2 - TVOCs	8/22/2024 08:15:00 -	0.129
CAMP 2 - TVOCs	8/22/2024 08:30:00 -	0.171
CAMP 2 - TVOCs	8/22/2024 08:45:00 -	0.197
CAMP 2 - TVOCs	8/22/2024 09:00:00 -	0.213
CAMP 2 - TVOCs	8/22/2024 09:15:00 -	0.227
CAMP 2 - TVOCs	8/22/2024 09:30:00 -	0.238
CAMP 2 - TVOCs	8/22/2024 09:45:00 -	0.236
CAMP 2 - TVOCs	8/22/2024 10:00:00 -	0.233
CAMP 2 - TVOCs	8/22/2024 10:15:00 -	0.237
CAMP 2 - TVOCs	8/22/2024 10:30:00 -	0.242
CAMP 2 - TVOCs	8/22/2024 10:45:00 -	0.243
CAMP 2 - TVOCs	8/22/2024 11:00:00 -	0.241
CAMP 2 - TVOCs	8/22/2024 11:15:00 -	0.227
CAMP 2 - TVOCs	8/22/2024 11:30:00 -	0.226
CAMP 2 - TVOCs	8/22/2024 11:45:00 -	0.231
CAMP 2 - TVOCs	8/22/2024 12:00:00 -	0.234
CAMP 2 - TVOCs	8/22/2024 12:15:00 -	0.215
CAMP 2 - TVOCs	8/22/2024 12:30:00 -	0.22
CAMP 2 - TVOCs	8/22/2024 12:45:00 -	0.235
CAMP 2 - TVOCs	8/22/2024 13:00:00 -	0.237
CAMP 2 - TVOCs	8/22/2024 13:15:00 -	0.234
CAMP 2 - TVOCs	8/22/2024 13:30:00 -	0.238
CAMP 2 - TVOCs	8/22/2024 13:45:00 -	0.223
CAMP 2 - TVOCs	8/22/2024 14:00:00 -	0.208
CAMP 2 - TVOCs	8/22/2024 14:15:00 -	0.194
CAMP 2 - TVOCs	8/22/2024 14:30:00 -	0.2
CAMP 2 - TVOCs	8/22/2024 14:45:00 -	0.209
CAMP 2 - TVOCs	8/22/2024 15:00:00 -	0.198
CAMP 2 - TVOCs	8/22/2024 15:15:00 -	0.189
CAMP 2 - TVOCs	8/22/2024 15:30:00 -	0.191
CAMP 2 - TVOCs	8/22/2024 15:45:00 -	0.171
CAMP 2 - TVOCs	8/22/2024 16:00:00 -	0.165
CAMP 2 - TVOCs	8/23/2024 07:45:00 -	0.027
CAMP 2 - TVOCs	8/23/2024 08:00:00 -	0.069
CAMP 2 - TVOCs	8/23/2024 08:15:00 -	0.13
CAMP 2 - TVOCs	8/23/2024 08:30:00 -	0.193
CAMP 2 - TVOCs	8/23/2024 08:45:00 -	0.243
CAMP 2 - TVOCs	8/23/2024 09:00:00 -	0.264

CAMP 2 - TVOCs	8/23/2024 09:15:00 - 0	0.274
CAMP 2 - TVOCs	8/23/2024 09:30:00 - 0	0.272
CAMP 2 - TVOCs	8/23/2024 09:45:00 - 0	0.263
CAMP 2 - TVOCs	8/23/2024 10:00:00 - 0	0.25
CAMP 2 - TVOCs	8/23/2024 10:15:00 - 0	0.227
CAMP 2 - TVOCs	8/23/2024 10:30:00 - 0	0.221
CAMP 2 - TVOCs	8/23/2024 10:45:00 - 0	0.219
CAMP 2 - TVOCs	8/23/2024 11:00:00 - 0	0.253
CAMP 2 - TVOCs	8/23/2024 11:15:00 - 0	0.308
CAMP 2 - TVOCs	8/23/2024 11:30:00 - 0	0.18
CAMP 2 - TVOCs	8/23/2024 11:45:00 - 0	0.009
CAMP 2 - TVOCs	8/23/2024 12:00:00 - 0	0.038
CAMP 2 - TVOCs	8/23/2024 12:15:00 - 0	0.04
CAMP 2 - TVOCs	8/23/2024 12:30:00 - 0	0.008
CAMP 2 - TVOCs	8/23/2024 12:45:00 - 0	0.005
CAMP 2 - TVOCs	8/23/2024 13:00:00 - 0	0
CAMP 2 - TVOCs	8/23/2024 13:15:00 - 0	0
CAMP 2 - TVOCs	8/23/2024 13:30:00 - 0	0
CAMP 2 - TVOCs	8/23/2024 13:45:00 - 0	0
CAMP 2 - TVOCs	8/23/2024 14:00:00 - 0	0
CAMP 2 - TVOCs	8/23/2024 14:15:00 - 0	0
CAMP 2 - TVOCs	8/23/2024 14:30:00 - 0	0
CAMP 2 - TVOCs	8/23/2024 14:45:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 08:30:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 08:45:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 09:00:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 09:15:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 09:30:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 09:45:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 10:00:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 10:15:00 - 0	0.003
CAMP 2 - TVOCs	8/26/2024 10:30:00 - 0	0.03
CAMP 2 - TVOCs	8/26/2024 10:45:00 - 0	0.068
CAMP 2 - TVOCs	8/26/2024 11:00:00 - 0	0.077
CAMP 2 - TVOCs	8/26/2024 11:15:00 - 0	0.092
CAMP 2 - TVOCs	8/26/2024 11:30:00 - 0	0.081
CAMP 2 - TVOCs	8/26/2024 11:45:00 - 0	0.04
CAMP 2 - TVOCs	8/26/2024 12:00:00 - 0	0.031
CAMP 2 - TVOCs	8/26/2024 12:15:00 - 0	0.018
CAMP 2 - TVOCs	8/26/2024 12:30:00 - 0	0.019
CAMP 2 - TVOCs	8/26/2024 12:45:00 - 0	0.012
CAMP 2 - TVOCs	8/26/2024 13:00:00 - 0	0.014
CAMP 2 - TVOCs	8/26/2024 13:15:00 - 0	0.007
CAMP 2 - TVOCs	8/26/2024 13:30:00 - 0	0
CAMP 2 - TVOCs	8/26/2024 13:45:00 - 0	0

CAMP 2 - TVOCs	8/26/2024 14:00:00 -	0
CAMP 2 - TVOCs	8/26/2024 14:15:00 -	0
CAMP 2 - TVOCs	8/27/2024 08:30:00 -	0
CAMP 2 - TVOCs	8/27/2024 08:45:00 -	0
CAMP 2 - TVOCs	8/27/2024 09:00:00 -	0
CAMP 2 - TVOCs	8/27/2024 09:15:00 -	0
CAMP 2 - TVOCs	8/27/2024 09:30:00 -	0
CAMP 2 - TVOCs	8/27/2024 09:45:00 -	0
CAMP 2 - TVOCs	8/27/2024 10:00:00 -	0
CAMP 2 - TVOCs	8/27/2024 10:15:00 -	0
CAMP 2 - TVOCs	8/27/2024 10:30:00 -	0.021
CAMP 2 - TVOCs	8/27/2024 10:45:00 -	0.072
CAMP 2 - TVOCs	8/27/2024 11:00:00 -	0.139
CAMP 2 - TVOCs	8/27/2024 11:15:00 -	0.121
CAMP 2 - TVOCs	8/27/2024 11:30:00 -	0.109
CAMP 2 - TVOCs	8/27/2024 11:45:00 -	0.08
CAMP 2 - TVOCs	8/27/2024 12:00:00 -	0.061
CAMP 2 - TVOCs	8/27/2024 12:15:00 -	0.014
CAMP 2 - TVOCs	8/27/2024 12:30:00 -	0.004
CAMP 2 - TVOCs	8/27/2024 12:45:00 -	0.013
CAMP 2 - TVOCs	8/27/2024 13:00:00 -	0.005
CAMP 2 - TVOCs	8/27/2024 13:15:00 -	0
CAMP 2 - TVOCs	8/27/2024 13:30:00 -	0
CAMP 2 - TVOCs	8/27/2024 13:45:00 -	0
CAMP 2 - TVOCs	8/27/2024 14:00:00 -	0.003

Deployment Label	Date	Time Period	concentration
CAMP 3 - TVOCs	8/20/2024	08:30:00 - 09:00:00	0
CAMP 3 - TVOCs	8/20/2024	08:45:00 - 09:15:00	0
CAMP 3 - TVOCs	8/20/2024	09:00:00 - 09:30:00	0
CAMP 3 - TVOCs	8/20/2024	10:00:00 - 10:30:00	0
CAMP 3 - TVOCs	8/20/2024	10:15:00 - 10:45:00	0
CAMP 3 - TVOCs	8/20/2024	10:30:00 - 11:00:00	0
CAMP 3 - TVOCs	8/20/2024	10:45:00 - 11:15:00	0
CAMP 3 - TVOCs	8/20/2024	11:00:00 - 11:30:00	0
CAMP 3 - TVOCs	8/20/2024	11:15:00 - 11:45:00	0
CAMP 3 - TVOCs	8/20/2024	11:30:00 - 12:00:00	0
CAMP 3 - TVOCs	8/20/2024	11:45:00 - 12:15:00	0
CAMP 3 - TVOCs	8/20/2024	12:00:00 - 12:30:00	0
CAMP 3 - TVOCs	8/20/2024	12:15:00 - 12:45:00	0
CAMP 3 - TVOCs	8/20/2024	12:30:00 - 13:00:00	0
CAMP 3 - TVOCs	8/20/2024	12:45:00 - 13:15:00	0
CAMP 3 - TVOCs	8/20/2024	13:00:00 - 13:30:00	0
CAMP 3 - TVOCs	8/20/2024	13:15:00 - 13:45:00	0
CAMP 3 - TVOCs	8/20/2024	13:30:00 - 14:00:00	0
CAMP 3 - TVOCs	8/20/2024	13:45:00 - 14:15:00	0
CAMP 3 - TVOCs	8/20/2024	14:00:00 - 14:30:00	0
CAMP 3 - TVOCs	8/20/2024	14:15:00 - 14:45:00	0
CAMP 3 - TVOCs	8/21/2024	08:00:00 - 08:30:00	0
CAMP 3 - TVOCs	8/21/2024	08:15:00 - 08:45:00	0
CAMP 3 - TVOCs	8/21/2024	08:30:00 - 09:00:00	0
CAMP 3 - TVOCs	8/21/2024	08:45:00 - 09:15:00	0
CAMP 3 - TVOCs	8/21/2024	09:00:00 - 09:30:00	0
CAMP 3 - TVOCs	8/21/2024	09:15:00 - 09:45:00	0
CAMP 3 - TVOCs	8/21/2024	09:30:00 - 10:00:00	0
CAMP 3 - TVOCs	8/21/2024	09:45:00 - 10:15:00	0
CAMP 3 - TVOCs	8/21/2024	10:00:00 - 10:30:00	0
CAMP 3 - TVOCs	8/21/2024	10:15:00 - 10:45:00	0
CAMP 3 - TVOCs	8/21/2024	10:30:00 - 11:00:00	0
CAMP 3 - TVOCs	8/21/2024	10:45:00 - 11:15:00	0
CAMP 3 - TVOCs	8/21/2024	11:00:00 - 11:30:00	0
CAMP 3 - TVOCs	8/21/2024	11:15:00 - 11:45:00	0
CAMP 3 - TVOCs	8/21/2024	11:30:00 - 12:00:00	0
CAMP 3 - TVOCs	8/21/2024	11:45:00 - 12:15:00	0
CAMP 3 - TVOCs	8/21/2024	12:00:00 - 12:30:00	0
CAMP 3 - TVOCs	8/21/2024	12:15:00 - 12:45:00	0
CAMP 3 - TVOCs	8/21/2024	12:30:00 - 13:00:00	0
CAMP 3 - TVOCs	8/21/2024	12:45:00 - 13:15:00	0
CAMP 3 - TVOCs	8/21/2024	13:00:00 - 13:30:00	0
CAMP 3 - TVOCs	8/21/2024	13:15:00 - 13:45:00	0
CAMP 3 - TVOCs	8/21/2024	13:30:00 - 14:00:00	0

CAMP 3 - TVOCs	8/21/2024 13:45:00 -	0
CAMP 3 - TVOCs	8/21/2024 14:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 08:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 08:15:00 -	0
CAMP 3 - TVOCs	8/22/2024 08:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 08:45:00 -	0
CAMP 3 - TVOCs	8/22/2024 09:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 09:15:00 -	0
CAMP 3 - TVOCs	8/22/2024 09:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 09:45:00 -	0
CAMP 3 - TVOCs	8/22/2024 10:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 10:15:00 -	0
CAMP 3 - TVOCs	8/22/2024 10:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 10:45:00 -	0
CAMP 3 - TVOCs	8/22/2024 11:00:00 -	0.001
CAMP 3 - TVOCs	8/22/2024 11:15:00 -	0
CAMP 3 - TVOCs	8/22/2024 11:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 11:45:00 -	0
CAMP 3 - TVOCs	8/22/2024 12:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 12:15:00 -	0
CAMP 3 - TVOCs	8/22/2024 12:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 12:45:00 -	0
CAMP 3 - TVOCs	8/22/2024 13:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 13:15:00 -	0.001
CAMP 3 - TVOCs	8/22/2024 13:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 13:45:00 -	0.002
CAMP 3 - TVOCs	8/22/2024 14:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 14:15:00 -	0
CAMP 3 - TVOCs	8/22/2024 14:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 14:45:00 -	0
CAMP 3 - TVOCs	8/22/2024 15:00:00 -	0
CAMP 3 - TVOCs	8/22/2024 15:15:00 -	0
CAMP 3 - TVOCs	8/22/2024 15:30:00 -	0
CAMP 3 - TVOCs	8/22/2024 15:45:00 -	0
CAMP 3 - TVOCs	8/23/2024 08:00:00 -	0
CAMP 3 - TVOCs	8/23/2024 08:15:00 -	0.001
CAMP 3 - TVOCs	8/23/2024 08:30:00 -	0
CAMP 3 - TVOCs	8/23/2024 08:45:00 -	0
CAMP 3 - TVOCs	8/23/2024 09:00:00 -	0
CAMP 3 - TVOCs	8/23/2024 09:15:00 -	0
CAMP 3 - TVOCs	8/23/2024 09:30:00 -	0
CAMP 3 - TVOCs	8/23/2024 09:45:00 -	0
CAMP 3 - TVOCs	8/23/2024 10:00:00 -	0
CAMP 3 - TVOCs	8/23/2024 10:15:00 -	0
CAMP 3 - TVOCs	8/23/2024 10:30:00 -	0

CAMP 3 - TVOCs	8/23/2024 10:45:00 -	0
CAMP 3 - TVOCs	8/23/2024 11:00:00 -	0
CAMP 3 - TVOCs	8/23/2024 11:15:00 -	0
CAMP 3 - TVOCs	8/23/2024 11:30:00 -	0
CAMP 3 - TVOCs	8/23/2024 11:45:00 -	0
CAMP 3 - TVOCs	8/23/2024 12:00:00 -	0
CAMP 3 - TVOCs	8/23/2024 12:15:00 -	0
CAMP 3 - TVOCs	8/23/2024 12:30:00 -	0
CAMP 3 - TVOCs	8/23/2024 12:45:00 -	0
CAMP 3 - TVOCs	8/23/2024 13:00:00 -	0
CAMP 3 - TVOCs	8/23/2024 13:15:00 -	0
CAMP 3 - TVOCs	8/23/2024 13:30:00 -	0
CAMP 3 - TVOCs	8/23/2024 13:45:00 -	0
CAMP 3 - TVOCs	8/23/2024 14:00:00 -	0
CAMP 3 - TVOCs	8/23/2024 14:15:00 -	0
CAMP 3 - TVOCs	8/23/2024 14:30:00 -	0
CAMP 3 - TVOCs	8/23/2024 14:45:00 -	0

Deployment Label	Date	Time Period	concentrat	maximum	mean	minimum	runSecond	weightedMean
CAMP 3 - Dust	8/20/2024	08:30:00 - 08:45:00	0.007	0.008	0.007	0.005	118.133	0
CAMP 3 - Dust	8/20/2024	08:45:00 - 09:00:00	0.007	0.011	0.007	0.005	680.6	0
CAMP 3 - Dust	8/20/2024	09:00:00 - 09:15:00	0.007	0.012	0.007	0.005	1535.556	0
CAMP 3 - Dust	8/20/2024	10:00:00 - 10:15:00	0.018	0.021	0.007	0	5615.5	0.001
CAMP 3 - Dust	8/20/2024	10:15:00 - 10:30:00	0.013	0.04	0.008	0	6080.833	0.002
CAMP 3 - Dust	8/20/2024	10:30:00 - 10:45:00	0.009	0.041	0.009	0	6981	0.002
CAMP 3 - Dust	8/20/2024	10:45:00 - 11:00:00	0.008	0.041	0.009	0	7880.933	0.002
CAMP 3 - Dust	8/20/2024	11:00:00 - 11:15:00	0.008	0.041	0.009	0	8780.833	0.003
CAMP 3 - Dust	8/20/2024	11:15:00 - 11:30:00	0.008	0.041	0.009	0	9681.15	0.003
CAMP 3 - Dust	8/20/2024	11:30:00 - 11:45:00	0.006	0.041	0.008	0	10581.25	0.003
CAMP 3 - Dust	8/20/2024	11:45:00 - 12:00:00	0.006	0.041	0.008	0	11481.48	0.003
CAMP 3 - Dust	8/20/2024	12:00:00 - 12:15:00	0.005	0.041	0.008	0	12381.3	0.003
CAMP 3 - Dust	8/20/2024	12:15:00 - 12:30:00	0.006	0.041	0.008	0	13280.63	0.004
CAMP 3 - Dust	8/20/2024	12:30:00 - 12:45:00	0.005	0.041	0.008	0	14180.63	0.004
CAMP 3 - Dust	8/20/2024	12:45:00 - 13:00:00	0.005	0.041	0.007	0	15080.67	0.004
CAMP 3 - Dust	8/20/2024	13:00:00 - 13:15:00	0.004	0.041	0.007	0	15980.77	0.004
CAMP 3 - Dust	8/20/2024	13:15:00 - 13:30:00	0.004	0.041	0.007	0	16881.12	0.004
CAMP 3 - Dust	8/20/2024	13:30:00 - 13:45:00	0.005	0.041	0.007	0	17780.98	0.004
CAMP 3 - Dust	8/20/2024	13:45:00 - 14:00:00	0.004	0.041	0.007	0	18680.85	0.004
CAMP 3 - Dust	8/20/2024	14:00:00 - 14:15:00	0.012	0.064	0.007	0	19580.72	0.005
CAMP 3 - Dust	8/20/2024	14:15:00 - 14:30:00	0.006	0.116	0.007	0	20210.63	0.005
CAMP 3 - Dust	8/21/2024	08:00:00 - 08:15:00	0.006	0.007	0.006	0.004	297.171	0
CAMP 3 - Dust	8/21/2024	08:15:00 - 08:30:00	0.006	0.01	0.006	0.004	1014.627	0
CAMP 3 - Dust	8/21/2024	08:30:00 - 08:45:00	0.007	0.012	0.006	0.004	1909.55	0
CAMP 3 - Dust	8/21/2024	08:45:00 - 09:00:00	0.007	0.012	0.006	0.004	2809.4	0.001
CAMP 3 - Dust	8/21/2024	09:00:00 - 09:15:00	0.006	0.012	0.006	0.004	3709.5	0.001
CAMP 3 - Dust	8/21/2024	09:15:00 - 09:30:00	0.007	0.012	0.006	0.004	4609.583	0.001
CAMP 3 - Dust	8/21/2024	09:30:00 - 09:45:00	0.007	0.012	0.007	0.004	5509.483	0.001
CAMP 3 - Dust	8/21/2024	09:45:00 - 10:00:00	0.007	0.012	0.007	0.004	6409.333	0.001
CAMP 3 - Dust	8/21/2024	10:00:00 - 10:15:00	0.007	0.012	0.007	0.004	7308.867	0.002
CAMP 3 - Dust	8/21/2024	10:15:00 - 10:30:00	0.008	0.016	0.007	0.004	8208.667	0.002
CAMP 3 - Dust	8/21/2024	10:30:00 - 10:45:00	0.008	0.016	0.007	0.004	9109.22	0.002
CAMP 3 - Dust	8/21/2024	10:45:00 - 11:00:00	0.008	0.016	0.007	0.004	10014.21	0.002
CAMP 3 - Dust	8/21/2024	11:00:00 - 11:15:00	0.008	0.016	0.007	0.004	10904.59	0.003
CAMP 3 - Dust	8/21/2024	11:15:00 - 11:30:00	0.008	0.016	0.007	0.004	11802.92	0.003
CAMP 3 - Dust	8/21/2024	11:30:00 - 11:45:00	0.008	0.016	0.007	0.004	12712.52	0.003
CAMP 3 - Dust	8/21/2024	11:45:00 - 12:00:00	0.008	0.016	0.007	0.004	13613.02	0.003
CAMP 3 - Dust	8/21/2024	12:00:00 - 12:15:00	0.009	0.017	0.007	0.004	14511.87	0.004
CAMP 3 - Dust	8/21/2024	12:15:00 - 12:30:00	0.008	0.02	0.007	0.004	15411.65	0.004
CAMP 3 - Dust	8/21/2024	12:30:00 - 12:45:00	0.009	0.02	0.008	0.004	16311.55	0.004
CAMP 3 - Dust	8/21/2024	12:45:00 - 13:00:00	0.008	0.02	0.008	0.004	17204.03	0.005
CAMP 3 - Dust	8/21/2024	13:00:00 - 13:15:00	0.009	0.02	0.008	0.004	18096.63	0.005
CAMP 3 - Dust	8/21/2024	13:15:00 - 13:30:00	0.009	0.02	0.008	0.004	19004.15	0.005
CAMP 3 - Dust	8/21/2024	13:30:00 - 13:45:00	0.008	0.02	0.008	0.004	19911.63	0.005
CAMP 3 - Dust	8/21/2024	13:45:00 - 14:00:00	0.008	0.02	0.008	0.004	20811.68	0.006
CAMP 3 - Dust	8/21/2024	14:00:00 - 14:15:00	0.011	0.029	0.008	0.004	21546.66	0.006
CAMP 3 - Dust	8/22/2024	08:00:00 - 08:15:00	0.008	0.009	0.008	0.006	442.857	0
CAMP 3 - Dust	8/22/2024	08:15:00 - 08:30:00	0.008	0.011	0.008	0.006	1312.9	0
CAMP 3 - Dust	8/22/2024	08:30:00 - 08:45:00	0.008	0.011	0.008	0.006	2212.8	0.001
CAMP 3 - Dust	8/22/2024	08:45:00 - 09:00:00	0.008	0.011	0.008	0.006	3110.881	0.001
CAMP 3 - Dust	8/22/2024	09:00:00 - 09:15:00	0.008	0.011	0.008	0.006	4012.617	0.001
CAMP 3 - Dust	8/22/2024	09:15:00 - 09:30:00	0.008	0.011	0.008	0.006	4912.583	0.001
CAMP 3 - Dust	8/22/2024	09:30:00 - 09:45:00	0.009	0.013	0.008	0.006	5812.567	0.002
CAMP 3 - Dust	8/22/2024	09:45:00 - 10:00:00	0.009	0.015	0.008	0.006	6712.6	0.002
CAMP 3 - Dust	8/22/2024	10:00:00 - 10:15:00	0.009	0.015	0.008	0.006	7612.633	0.002
CAMP 3 - Dust	8/22/2024	10:15:00 - 10:30:00	0.01	0.017	0.008	0.006	8512.633	0.002
CAMP 3 - Dust	8/22/2024	10:30:00 - 10:45:00	0.011	0.018	0.008	0.006	9412.7	0.003
CAMP 3 - Dust	8/22/2024	10:45:00 - 11:00:00	0.01	0.018	0.009	0.006	10318.41	0.003
CAMP 3 - Dust	8/22/2024	11:00:00 - 11:15:00	0.011	0.018	0.009	0.006	11212.68	0.003
CAMP 3 - Dust	8/22/2024	11:15:00 - 11:30:00	0.012	0.018	0.009	0.006	12118.51	0.004
CAMP 3 - Dust	8/22/2024	11:30:00 - 11:45:00	0.012	0.018	0.009	0.006	13012.35	0.004
CAMP 3 - Dust	8/22/2024	11:45:00 - 12:00:00	0.013	0.019	0.009	0.006	13912.23	0.005
CAMP 3 - Dust	8/22/2024	12:00:00 - 12:15:00	0.012	0.019	0.01	0.006	14814.93	0.005
CAMP 3 - Dust	8/22/2024	12:15:00 - 12:30:00	0.012	0.019	0.01	0.006	15715	0.005
CAMP 3 - Dust	8/22/2024	12:30:00 - 12:45:00	0.012	0.019	0.01	0.006	16620.55	0.006
CAMP 3 - Dust	8/22/2024	12:45:00 - 13:00:00	0.013	0.019	0.01	0.006	17520.55	0.006
CAMP 3 - Dust	8/22/2024	13:00:00 - 13:15:00	0.015	0.034	0.01	0.006	18419.6	0.007
CAMP 3 - Dust	8/22/2024	13:15:00 - 13:30:00	0.014	0.04	0.01	0.006	19319.62	0.007
CAMP 3 - Dust	8/22/2024	13:30:00 - 13:45:00	0.014	0.04	0.011	0.006	20219.62	0.007
CAMP 3 - Dust	8/22/2024	13:45:00 - 14:00:00	0.014	0.04	0.011	0.006	21119.68	0.008
CAMP 3 - Dust	8/22/2024	14:00:00 - 14:15:00	0.015	0.04	0.011	0.006	22020.2	0.008
CAMP 3 - Dust	8/22/2024	14:15:00 - 14:30:00	0.017	0.046	0.011	0.006	22920.07	0.009

CAMP 3 - Dust	8/22/2024 14:30:00 - 14:45:00	0.022	0.088	0.011	0.006	23818.44	0.009
CAMP 3 - Dust	8/22/2024 14:45:00 - 15:00:00	0.016	0.089	0.012	0.006	24719.87	0.01
CAMP 3 - Dust	8/22/2024 15:00:00 - 15:15:00	0.019	0.089	0.012	0.006	25620	0.011
CAMP 3 - Dust	8/22/2024 15:15:00 - 15:30:00	0.018	0.089	0.012	0.006	26519.85	0.011
CAMP 3 - Dust	8/22/2024 15:30:00 - 15:45:00	0.019	0.089	0.012	0.006	27419.67	0.012
CAMP 3 - Dust	8/22/2024 15:45:00 - 16:00:00	0.017	0.089	0.012	0.006	28042.22	0.012
CAMP 3 - Dust	8/23/2024 08:00:00 - 08:15:00	0.022	0.03	0.021	0.017	212.16	0
CAMP 3 - Dust	8/23/2024 08:15:00 - 08:30:00	0.021	0.031	0.021	0.017	849.55	0
CAMP 3 - Dust	8/23/2024 08:30:00 - 08:45:00	0.019	0.031	0.021	0.017	1749.633	0.001
CAMP 3 - Dust	8/23/2024 08:45:00 - 09:00:00	0.019	0.031	0.02	0.017	2649.517	0.002
CAMP 3 - Dust	8/23/2024 09:00:00 - 09:15:00	0.018	0.031	0.02	0.017	3549.65	0.002
CAMP 3 - Dust	8/23/2024 09:15:00 - 09:30:00	0.017	0.031	0.019	0.015	4446.102	0.003
CAMP 3 - Dust	8/23/2024 09:30:00 - 09:45:00	0.017	0.04	0.019	0.015	5341.475	0.003
CAMP 3 - Dust	8/23/2024 09:45:00 - 10:00:00	0.017	0.047	0.018	0.015	6242.667	0.004
CAMP 3 - Dust	8/23/2024 10:00:00 - 10:15:00	0.016	0.047	0.018	0.015	7142.567	0.004
CAMP 3 - Dust	8/23/2024 10:15:00 - 10:30:00	0.016	0.047	0.018	0.015	8042.483	0.005
CAMP 3 - Dust	8/23/2024 10:30:00 - 10:45:00	0.017	0.047	0.018	0.015	8942.35	0.006
CAMP 3 - Dust	8/23/2024 10:45:00 - 11:00:00	0.017	0.047	0.018	0.015	9842.417	0.006
CAMP 3 - Dust	8/23/2024 11:00:00 - 11:15:00	0.016	0.047	0.018	0.015	10742.57	0.007
CAMP 3 - Dust	8/23/2024 11:15:00 - 11:30:00	0.017	0.047	0.018	0.015	11642.82	0.007
CAMP 3 - Dust	8/23/2024 11:30:00 - 11:45:00	0.016	0.047	0.017	0.015	12542.68	0.008
CAMP 3 - Dust	8/23/2024 11:45:00 - 12:00:00	0.017	0.047	0.017	0.015	13442.67	0.008
CAMP 3 - Dust	8/23/2024 12:00:00 - 12:15:00	0.016	0.047	0.017	0.015	14342.37	0.009
CAMP 3 - Dust	8/23/2024 12:15:00 - 12:30:00	0.016	0.047	0.017	0.015	15241.93	0.009
CAMP 3 - Dust	8/23/2024 12:30:00 - 12:45:00	0.016	0.047	0.017	0.015	16142.15	0.01
CAMP 3 - Dust	8/23/2024 12:45:00 - 13:00:00	0.016	0.047	0.017	0.015	17042.25	0.01
CAMP 3 - Dust	8/23/2024 13:00:00 - 13:15:00	0.017	0.047	0.017	0.015	17942.43	0.011
CAMP 3 - Dust	8/23/2024 13:15:00 - 13:30:00	0.018	0.047	0.017	0.015	18842.65	0.011
CAMP 3 - Dust	8/23/2024 13:30:00 - 13:45:00	0.018	0.047	0.017	0.015	19742.68	0.012
CAMP 3 - Dust	8/23/2024 13:45:00 - 14:00:00	0.019	0.047	0.017	0.015	20642.63	0.012
CAMP 3 - Dust	8/23/2024 14:00:00 - 14:15:00	0.02	0.047	0.017	0.015	21535.36	0.013
CAMP 3 - Dust	8/23/2024 14:15:00 - 14:30:00	0.02	0.047	0.017	0.015	22443.35	0.014
CAMP 3 - Dust	8/23/2024 14:30:00 - 14:45:00	0.02	0.047	0.018	0.015	23343.23	0.014
CAMP 3 - Dust	8/23/2024 14:45:00 - 15:00:00	0.021	0.047	0.018	0.015	23943.15	0.015



Attachment 7

Special Requirement CAMP

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141705
Firmware Version	3.1
Calibration Date	7/9/2024
Test Name	MANUAL_001
Test Start Time	9:05:19 AM
Test Start Date	12/3/2024
Test Length [D:H:M]	0:02:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.036
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	8

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.036		
1800	0.01		
2700	0.023		
3600	0.015		
4500	0.014		
5400	0.008		
6300	0.032		
7200	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141705
Firmware Version	3.1
Calibration Date	7/9/2024
Test Name	MANUAL_002
Test Start Time	12:28:03 PM
Test Start Date	12/3/2024
Test Length [D:H:M]	0:01:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.058
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	5

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.03		
1800	0.058		
2700	0.011		
3600	0.013		
4500	0.032		

Instrument Name	DustTrak II		
Model Number		8530	
Serial Number		8530141705	
Firmware Version		3.1	
Calibration Date		7/9/2024	
Test Name	MANUAL_003		
Test Start Time		8:44:16 AM	
Test Start Date		12/4/2024	
Test Length [D:H:M]		0:00:15	
Test Interval [M:S]		15:00	
Mass Average [mg/m3]		0.017	
Mass Minimum [mg/m3]		0.017	
Mass Maximum [mg/m3]		0.017	
Mass TWA [mg/m3]		0.001	
Photometric User Cal		1	
Flow User Cal		0	
Errors			
Number of Samples		1	
Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
	900	0.017	

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141705
Firmware Version	3.1
Calibration Date	7/9/2024
Test Name	MANUAL_004
Test Start Time	9:59:16 AM
Test Start Date	12/4/2024
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.014		
1800	0.017		
2700	0.016		
3600	0.02		
4500	0.022		
5400	0.022		
6300	0.021		
7200	0.023		
8100	0.024		
9000	0.026		
9900	0.028		
10800	0.029		
11700	0.028		
12600	0.026		
13500	0.027		
14400	0.026		
15300	0.028		
16200	0.027		
17100	0.027		
18000	0.027		
18900	0.027		
19800	0.027		
20700	0.025		
21600	0.025		
22500	0.024		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141705
Firmware Version	3.1
Calibration Date	7/9/2024
Test Name	MANUAL_005
Test Start Time	8:17:59 AM
Test Start Date	12/5/2024
Test Length [D:H:M]	0:02:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.044
Mass Minimum [mg/m3]	0.016
Mass Maximum [mg/m3]	0.084
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	9

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.046		
2700	0.051		
3600	0.028		
4500	0.084		
5400	0.031		
6300	0.04		
7200	0.065		
8100	0.034		

=====:

24/12/03 10:17

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-925646
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Manual
Diagnostic Mode	No
Stop Reason	Pause in Communication Mode

Site ID	RAE00000
User ID	USER0000

Begin	12/3/2024 10:17
End	12/3/2024 12:24
Sample Period(s)	60
Number of Records	127

Sensor	PID(ppm)
Sensor SN	S023030039V8
Measure Type	Min; Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	11/25/2024 10:26
Peak	0
Min	0
Average	0

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	12/3/2024 10:18	0	0	0	0
002	12/3/2024 10:19	0	0	0	0
003	12/3/2024 10:20	0	0	0	0
004	12/3/2024 10:21	0	0	0	0
005	12/3/2024 10:22	0	0	0	0
006	12/3/2024 10:23	0	0	0	0
007	12/3/2024 10:24	0	0	0	0
008	12/3/2024 10:25	0	0	0	0
009	12/3/2024 10:26	0	0	0	0
010	12/3/2024 10:27	0	0	0	0
011	12/3/2024 10:28	0	0	0	0
012	12/3/2024 10:29	0	0	0	0
013	12/3/2024 10:30	0	0	0	0
014	12/3/2024 10:31	0	0	0	0
015	12/3/2024 10:32	0	0	0	0
016	12/3/2024 10:33	0	0	0	0
017	12/3/2024 10:34	0	0	0	0
018	12/3/2024 10:35	0	0	0	0
019	12/3/2024 10:36	0	0	0	0
020	12/3/2024 10:37	0	0	0	0
021	12/3/2024 10:38	0	0	0	0
022	12/3/2024 10:39	0	0	0	0
023	12/3/2024 10:40	0	0	0	0
024	12/3/2024 10:41	0	0	0	0
025	12/3/2024 10:42	0	0	0	0
026	12/3/2024 10:43	0	0	0	0
027	12/3/2024 10:44	0	0	0	0
028	12/3/2024 10:45	0	0	0	0
029	12/3/2024 10:46	0	0	0	0
030	12/3/2024 10:47	0	0	0	0
031	12/3/2024 10:48	0	0	0	0
032	12/3/2024 10:49	0	0	0	0
033	12/3/2024 10:50	0	0	0	0
034	12/3/2024 10:51	0	0	0	0
035	12/3/2024 10:52	0	0	0	0
036	12/3/2024 10:53	0	0	0	0
037	12/3/2024 10:54	0	0	0	0
038	12/3/2024 10:55	0	0	0	0
039	12/3/2024 10:56	0	0	0	0
040	12/3/2024 10:57	0	0	0	0
041	12/3/2024 10:58	0	0	0	0
042	12/3/2024 10:59	0	0	0	0
043	12/3/2024 11:00	0	0	0	0
044	12/3/2024 11:01	0	0	0	0
045	12/3/2024 11:02	0	0	0	0
046	12/3/2024 11:03	0	0	0	0
047	12/3/2024 11:04	0	0	0	0
048	12/3/2024 11:05	0	0	0	0
049	12/3/2024 11:06	0	0	0	0
050	12/3/2024 11:07	0	0	0	0
051	12/3/2024 11:08	0	0	0	0
052	12/3/2024 11:09	0	0	0	0
053	12/3/2024 11:10	0	0	0	0
054	12/3/2024 11:11	0	0	0	0
055	12/3/2024 11:12	0	0	0	0
056	12/3/2024 11:13	0	0	0	0
057	12/3/2024 11:14	0	0	0	0
058	12/3/2024 11:15	0	0	0	0

059		12/3/2024 11:16	0	0	0	0
060		12/3/2024 11:17	0	0	0	0
061		12/3/2024 11:18	0	0	0	0
062		12/3/2024 11:19	0	0	0	0
063		12/3/2024 11:20	0	0	0	0
064		12/3/2024 11:21	0	0	0	0
065		12/3/2024 11:22	0	0	0	0
066		12/3/2024 11:23	0	0	0	0
067		12/3/2024 11:24	0	0	0	0
068		12/3/2024 11:25	0	0	0	0
069		12/3/2024 11:26	0	0	0	0
070		12/3/2024 11:27	0	0	0	0
071		12/3/2024 11:28	0	0	0	0
072		12/3/2024 11:29	0	0	0	0
073		12/3/2024 11:30	0	0	0	0
074		12/3/2024 11:31	0	0	0	0
075		12/3/2024 11:32	0	0	0	0
076		12/3/2024 11:33	0	0	0	0
077		12/3/2024 11:34	0	0	0	0
078		12/3/2024 11:35	0	0	0	0
079		12/3/2024 11:36	0	0	0	0
080		12/3/2024 11:37	0	0	0	0
081		12/3/2024 11:38	0	0	0	0
082		12/3/2024 11:39	0	0	0	0
083		12/3/2024 11:40	0	0	0	0
084		12/3/2024 11:41	0	0	0	0
085		12/3/2024 11:42	0	0	0	0
086		12/3/2024 11:43	0	0	0	0
087		12/3/2024 11:44	0	0	0	0
088		12/3/2024 11:45	0	0	0	0
089		12/3/2024 11:46	0	0	0	0
090		12/3/2024 11:47	0	0	0	0
091		12/3/2024 11:48	0	0	0	0
092		12/3/2024 11:49	0	0	0	0
093		12/3/2024 11:50	0	0	0	0
094		12/3/2024 11:51	0	0	0	0
095		12/3/2024 11:52	0	0	0	0
096		12/3/2024 11:53	0	0	0	0
097		12/3/2024 11:54	0	0	0	0
098		12/3/2024 11:55	0	0	0	0
099		12/3/2024 11:56	0	0	0	0
	100	12/3/2024 11:57	0	0	0	0
	101	12/3/2024 11:58	0	0	0	0
	102	12/3/2024 11:59	0	0	0	0
	103	12/3/2024 12:00	0	0	0	0
	104	12/3/2024 12:01	0	0	0	0
	105	12/3/2024 12:02	0	0	0	0
	106	12/3/2024 12:03	0	0	0	0
	107	12/3/2024 12:04	0	0	0	0
	108	12/3/2024 12:05	0	0	0	0
	109	12/3/2024 12:06	0	0	0	0
	110	12/3/2024 12:07	0	0	0	0
	111	12/3/2024 12:08	0	0	0	0
	112	12/3/2024 12:09	0	0	0	0
	113	12/3/2024 12:10	0	0	0	0
	114	12/3/2024 12:11	0	0	0	0
	115	12/3/2024 12:12	0	0	0	0
	116	12/3/2024 12:13	0	0	0	0
	117	12/3/2024 12:14	0	0	0	0
	118	12/3/2024 12:15	0	0	0	0
	119	12/3/2024 12:16	0	0	0	0

	120	12/3/2024 12:17	0	0	0	0
	121	12/3/2024 12:18	0	0	0	0
	122	12/3/2024 12:19	0	0	0	0
	123	12/3/2024 12:20	0	0	0	0
	124	12/3/2024 12:21	0	0	0	0
	125	12/3/2024 12:22	0	0	0	0
	126	12/3/2024 12:23	0	0	0	0
	127	12/3/2024 12:24	0	0	0	0
Peak			0	0	0	0
Min			0	0	0	0
Average			0	0	0	0

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/3/2024 10:18	0 ---	
002	12/3/2024 10:19	0 ---	
003	12/3/2024 10:20	0 ---	
004	12/3/2024 10:21	0 ---	
005	12/3/2024 10:22	0 ---	
006	12/3/2024 10:23	0 ---	
007	12/3/2024 10:24	0 ---	
008	12/3/2024 10:25	0 ---	
009	12/3/2024 10:26	0 ---	
010	12/3/2024 10:27	0 ---	
011	12/3/2024 10:28	0 ---	
012	12/3/2024 10:29	0 ---	
013	12/3/2024 10:30	0 ---	
014	12/3/2024 10:31	0 ---	
015	12/3/2024 10:32	0	0
016	12/3/2024 10:33	0	0
017	12/3/2024 10:34	0	0
018	12/3/2024 10:35	0	0
019	12/3/2024 10:36	0	0
020	12/3/2024 10:37	0	0
021	12/3/2024 10:38	0	0
022	12/3/2024 10:39	0	0
023	12/3/2024 10:40	0	0
024	12/3/2024 10:41	0	0
025	12/3/2024 10:42	0	0
026	12/3/2024 10:43	0	0
027	12/3/2024 10:44	0	0
028	12/3/2024 10:45	0	0
029	12/3/2024 10:46	0	0
030	12/3/2024 10:47	0	0
031	12/3/2024 10:48	0	0
032	12/3/2024 10:49	0	0
033	12/3/2024 10:50	0	0
034	12/3/2024 10:51	0	0
035	12/3/2024 10:52	0	0
036	12/3/2024 10:53	0	0
037	12/3/2024 10:54	0	0
038	12/3/2024 10:55	0	0
039	12/3/2024 10:56	0	0
040	12/3/2024 10:57	0	0
041	12/3/2024 10:58	0	0
042	12/3/2024 10:59	0	0
043	12/3/2024 11:00	0	0
044	12/3/2024 11:01	0	0
045	12/3/2024 11:02	0	0

046		12/3/2024 11:03	0	0
047		12/3/2024 11:04	0	0
048		12/3/2024 11:05	0	0
049		12/3/2024 11:06	0	0
050		12/3/2024 11:07	0	0
051		12/3/2024 11:08	0	0
052		12/3/2024 11:09	0	0
053		12/3/2024 11:10	0	0
054		12/3/2024 11:11	0	0
055		12/3/2024 11:12	0	0
056		12/3/2024 11:13	0	0
057		12/3/2024 11:14	0	0
058		12/3/2024 11:15	0	0
059		12/3/2024 11:16	0	0
060		12/3/2024 11:17	0	0
061		12/3/2024 11:18	0	0
062		12/3/2024 11:19	0	0
063		12/3/2024 11:20	0	0
064		12/3/2024 11:21	0	0
065		12/3/2024 11:22	0	0
066		12/3/2024 11:23	0	0
067		12/3/2024 11:24	0	0
068		12/3/2024 11:25	0	0
069		12/3/2024 11:26	0	0
070		12/3/2024 11:27	0	0
071		12/3/2024 11:28	0	0
072		12/3/2024 11:29	0	0
073		12/3/2024 11:30	0	0
074		12/3/2024 11:31	0	0
075		12/3/2024 11:32	0	0
076		12/3/2024 11:33	0	0
077		12/3/2024 11:34	0	0
078		12/3/2024 11:35	0	0
079		12/3/2024 11:36	0	0
080		12/3/2024 11:37	0	0
081		12/3/2024 11:38	0	0
082		12/3/2024 11:39	0	0
083		12/3/2024 11:40	0	0
084		12/3/2024 11:41	0	0
085		12/3/2024 11:42	0	0
086		12/3/2024 11:43	0	0
087		12/3/2024 11:44	0	0
088		12/3/2024 11:45	0	0
089		12/3/2024 11:46	0	0
090		12/3/2024 11:47	0	0
091		12/3/2024 11:48	0	0
092		12/3/2024 11:49	0	0
093		12/3/2024 11:50	0	0
094		12/3/2024 11:51	0	0
095		12/3/2024 11:52	0	0
096		12/3/2024 11:53	0	0
097		12/3/2024 11:54	0	0
098		12/3/2024 11:55	0	0
099		12/3/2024 11:56	0	0
	100	12/3/2024 11:57	0	0
	101	12/3/2024 11:58	0	0
	102	12/3/2024 11:59	0	0
	103	12/3/2024 12:00	0	0
	104	12/3/2024 12:01	0	0
	105	12/3/2024 12:02	0	0
	106	12/3/2024 12:03	0	0

107	12/3/2024 12:04	0	0
108	12/3/2024 12:05	0	0
109	12/3/2024 12:06	0	0
110	12/3/2024 12:07	0	0
111	12/3/2024 12:08	0	0
112	12/3/2024 12:09	0	0
113	12/3/2024 12:10	0	0
114	12/3/2024 12:11	0	0
115	12/3/2024 12:12	0	0
116	12/3/2024 12:13	0	0
117	12/3/2024 12:14	0	0
118	12/3/2024 12:15	0	0
119	12/3/2024 12:16	0	0
120	12/3/2024 12:17	0	0
121	12/3/2024 12:18	0	0
122	12/3/2024 12:19	0	0
123	12/3/2024 12:20	0	0
124	12/3/2024 12:21	0	0
125	12/3/2024 12:22	0	0
126	12/3/2024 12:23	0	0
127	12/3/2024 12:24	0	0

=====:
24/12/03 13:38

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-925646
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Manual
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	12/3/2024 13:38
End	12/3/2024 15:08
Sample Period(s)	60
Number of Records	89
Sensor	PID(ppm)
Sensor SN	S023030039V8
Measure Type	Min; Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	11/25/2024 10:26
Peak	0
Min	0
Average	0

Datalog

Index	Date/Time	PID(ppm)	PID(ppm)	PID(ppm)	PID(ppm)
		(Min)	(Avg)	(Max)	(Real)
001	12/3/2024 13:39	0	0	0	0
002	12/3/2024 13:40	0	0	0	0
003	12/3/2024 13:41	0	0	0	0
004	12/3/2024 13:42	0	0	0	0
005	12/3/2024 13:43	0	0	0	0
006	12/3/2024 13:44	0	0	0	0
007	12/3/2024 13:45	0	0	0	0
008	12/3/2024 13:46	0	0	0	0
009	12/3/2024 13:47	0	0	0	0
010	12/3/2024 13:48	0	0	0	0
011	12/3/2024 13:49	0	0	0	0
012	12/3/2024 13:50	0	0	0	0
013	12/3/2024 13:51	0	0	0	0
014	12/3/2024 13:52	0	0	0	0
015	12/3/2024 13:53	0	0	0	0
016	12/3/2024 13:54	0	0	0	0
017	12/3/2024 13:55	0	0	0	0
018	12/3/2024 13:56	0	0	0	0
019	12/3/2024 13:57	0	0	0	0
020	12/3/2024 13:58	0	0	0	0
021	12/3/2024 13:59	0	0	0	0
022	12/3/2024 14:00	0	0	0	0
023	12/3/2024 14:01	0	0	0	0
024	12/3/2024 14:02	0	0	0	0
025	12/3/2024 14:03	0	0	0	0
026	12/3/2024 14:04	0	0	0	0
027	12/3/2024 14:05	0	0	0	0
028	12/3/2024 14:06	0	0	0	0
029	12/3/2024 14:07	0	0	0	0
030	12/3/2024 14:08	0	0	0	0
031	12/3/2024 14:09	0	0	0	0
032	12/3/2024 14:10	0	0	0	0
033	12/3/2024 14:11	0	0	0	0
034	12/3/2024 14:12	0	0	0	0
035	12/3/2024 14:13	0	0	0	0
036	12/3/2024 14:14	0	0	0	0
037	12/3/2024 14:15	0	0	0	0
038	12/3/2024 14:16	0	0	0	0
039	12/3/2024 14:17	0	0	0	0
040	12/3/2024 14:18	0	0	0	0
041	12/3/2024 14:19	0	0	0	0
042	12/3/2024 14:20	0	0	0	0
043	12/3/2024 14:21	0	0	0	0
044	12/3/2024 14:22	0	0	0	0
045	12/3/2024 14:23	0	0	0	0
046	12/3/2024 14:24	0	0	0	0
047	12/3/2024 14:25	0	0	0	0
048	12/3/2024 14:26	0	0	0	0
049	12/3/2024 14:27	0	0	0	0
050	12/3/2024 14:28	0	0	0	0
051	12/3/2024 14:29	0	0	0	0
052	12/3/2024 14:30	0	0	0	0
053	12/3/2024 14:31	0	0	0	0
054	12/3/2024 14:32	0	0	0	0
055	12/3/2024 14:33	0	0	0	0
056	12/3/2024 14:34	0	0	0	0
057	12/3/2024 14:35	0	0	0	0

058	12/3/2024 14:36	0	0	0	0
059	12/3/2024 14:37	0	0	0	0
060	12/3/2024 14:38	0	0	0	0
061	12/3/2024 14:39	0	0	0	0
062	12/3/2024 14:40	0	0	0	0
063	12/3/2024 14:41	0	0	0	0
064	12/3/2024 14:42	0	0	0	0
065	12/3/2024 14:43	0	0	0	0
066	12/3/2024 14:44	0	0	0	0
067	12/3/2024 14:45	0	0	0	0
068	12/3/2024 14:46	0	0	0	0
069	12/3/2024 14:47	0	0	0	0
070	12/3/2024 14:48	0	0	0	0
071	12/3/2024 14:49	0	0	0	0
072	12/3/2024 14:50	0	0	0	0
073	12/3/2024 14:51	0	0	0	0
074	12/3/2024 14:52	0	0	0	0
075	12/3/2024 14:53	0	0	0	0
076	12/3/2024 14:54	0	0	0	0
077	12/3/2024 14:55	0	0	0	0
078	12/3/2024 14:56	0	0	0	0
079	12/3/2024 14:57	0	0	0	0
080	12/3/2024 14:58	0	0	0	0
081	12/3/2024 14:59	0	0	0	0
082	12/3/2024 15:00	0	0	0	0
083	12/3/2024 15:01	0	0	0	0
084	12/3/2024 15:02	0	0	0	0
085	12/3/2024 15:03	0	0	0	0
086	12/3/2024 15:04	0	0	0	0
087	12/3/2024 15:05	0	0	0	0
088	12/3/2024 15:06	0	0	0	0
089	12/3/2024 15:07	0	0	0	0
Peak		0	0	0	0
Min		0	0	0	0
Average		0	0	0	0

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/3/2024 13:39	0 ---	
002	12/3/2024 13:40	0 ---	
003	12/3/2024 13:41	0 ---	
004	12/3/2024 13:42	0 ---	
005	12/3/2024 13:43	0 ---	
006	12/3/2024 13:44	0 ---	
007	12/3/2024 13:45	0 ---	
008	12/3/2024 13:46	0 ---	
009	12/3/2024 13:47	0 ---	
010	12/3/2024 13:48	0 ---	
011	12/3/2024 13:49	0 ---	
012	12/3/2024 13:50	0 ---	
013	12/3/2024 13:51	0 ---	
014	12/3/2024 13:52	0 ---	
015	12/3/2024 13:53	0	0
016	12/3/2024 13:54	0	0
017	12/3/2024 13:55	0	0
018	12/3/2024 13:56	0	0
019	12/3/2024 13:57	0	0
020	12/3/2024 13:58	0	0
021	12/3/2024 13:59	0	0

022	12/3/2024 14:00	0	0
023	12/3/2024 14:01	0	0
024	12/3/2024 14:02	0	0
025	12/3/2024 14:03	0	0
026	12/3/2024 14:04	0	0
027	12/3/2024 14:05	0	0
028	12/3/2024 14:06	0	0
029	12/3/2024 14:07	0	0
030	12/3/2024 14:08	0	0
031	12/3/2024 14:09	0	0
032	12/3/2024 14:10	0	0
033	12/3/2024 14:11	0	0
034	12/3/2024 14:12	0	0
035	12/3/2024 14:13	0	0
036	12/3/2024 14:14	0	0
037	12/3/2024 14:15	0	0
038	12/3/2024 14:16	0	0
039	12/3/2024 14:17	0	0
040	12/3/2024 14:18	0	0
041	12/3/2024 14:19	0	0
042	12/3/2024 14:20	0	0
043	12/3/2024 14:21	0	0
044	12/3/2024 14:22	0	0
045	12/3/2024 14:23	0	0
046	12/3/2024 14:24	0	0
047	12/3/2024 14:25	0	0
048	12/3/2024 14:26	0	0
049	12/3/2024 14:27	0	0
050	12/3/2024 14:28	0	0
051	12/3/2024 14:29	0	0
052	12/3/2024 14:30	0	0
053	12/3/2024 14:31	0	0
054	12/3/2024 14:32	0	0
055	12/3/2024 14:33	0	0
056	12/3/2024 14:34	0	0
057	12/3/2024 14:35	0	0
058	12/3/2024 14:36	0	0
059	12/3/2024 14:37	0	0
060	12/3/2024 14:38	0	0
061	12/3/2024 14:39	0	0
062	12/3/2024 14:40	0	0
063	12/3/2024 14:41	0	0
064	12/3/2024 14:42	0	0
065	12/3/2024 14:43	0	0
066	12/3/2024 14:44	0	0
067	12/3/2024 14:45	0	0
068	12/3/2024 14:46	0	0
069	12/3/2024 14:47	0	0
070	12/3/2024 14:48	0	0
071	12/3/2024 14:49	0	0
072	12/3/2024 14:50	0	0
073	12/3/2024 14:51	0	0
074	12/3/2024 14:52	0	0
075	12/3/2024 14:53	0	0
076	12/3/2024 14:54	0	0
077	12/3/2024 14:55	0	0
078	12/3/2024 14:56	0	0
079	12/3/2024 14:57	0	0
080	12/3/2024 14:58	0	0
081	12/3/2024 14:59	0	0
082	12/3/2024 15:00	0	0

083		12/3/2024 15:01	0	0
084		12/3/2024 15:02	0	0
085		12/3/2024 15:03	0	0
086		12/3/2024 15:04	0	0
087		12/3/2024 15:05	0	0
088		12/3/2024 15:06	0	0
089		12/3/2024 15:07	0	0

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24/12/04 09:55

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-925646
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Manual
Diagnostic Mode	No
Stop Reason	Pause in Communication Mode
Site ID	RAE00000
User ID	USER0000
Begin	12/4/2024 9:55
End	12/4/2024 10:12
Sample Period(s)	60
Number of Records	17
Sensor	PID(ppm)
Sensor SN	S023030039V8
Measure Type	Min; Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	11/25/2024 10:26
Peak	0
Min	0
Average	0

*****;

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	12/4/2024 9:56	0	0	0	0
002	12/4/2024 9:57	0	0	0	0
003	12/4/2024 9:58	0	0	0	0
004	12/4/2024 9:59	0	0	0	0
005	12/4/2024 10:00	0	0	0	0
006	12/4/2024 10:01	0	0	0	0
007	12/4/2024 10:02	0	0	0	0
008	12/4/2024 10:03	0	0	0	0
009	12/4/2024 10:04	0	0	0	0
010	12/4/2024 10:05	0	0	0	0
011	12/4/2024 10:06	0	0	0	0
012	12/4/2024 10:07	0	0	0	0
013	12/4/2024 10:08	0	0	0	0
014	12/4/2024 10:09	0	0	0	0
015	12/4/2024 10:10	0	0	0	0
016	12/4/2024 10:11	0	0	0	0
017	12/4/2024 10:12	0	0	0	0
Peak		0	0	0	0
Min		0	0	0	0
Average		0	0	0	0

*****;

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	12/4/2024 9:56	0 ---	
002	12/4/2024 9:57	0 ---	
003	12/4/2024 9:58	0 ---	
004	12/4/2024 9:59	0 ---	
005	12/4/2024 10:00	0 ---	
006	12/4/2024 10:01	0 ---	
007	12/4/2024 10:02	0 ---	
008	12/4/2024 10:03	0 ---	
009	12/4/2024 10:04	0 ---	
010	12/4/2024 10:05	0 ---	
011	12/4/2024 10:06	0 ---	
012	12/4/2024 10:07	0 ---	
013	12/4/2024 10:08	0 ---	
014	12/4/2024 10:09	0 ---	
015	12/4/2024 10:10	0	0
016	12/4/2024 10:11	0	0
017	12/4/2024 10:12	0	0

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24/12/04 11:10

Summary

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-925646

Unit Firmw: V2.22A

Running Mc Hygiene Mode

Datalog Mo Manual

Diagnostic No

Stop Reaso Power Down

Site ID RAE00000

User ID USER0000

Begin 12/4/2024 11:10

End 12/4/2024 17:35

Sample Per 60

Number of 385

Sensor PID(ppm)

Sensor SN S023030039V8

Measure Ty Min; Avg; Max; Real

Span 100

Span 2 1000

Low Alarm 50

High Alarm 100

Over Alarm 15000

STEL Alarm 25

TWA Alarm 10

Measurem Isobutylene

Calibration 11/25/2024 10:26

Peak 0

Min 0

Average 0

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	12/4/2024 11:11	0	0	0	0
002	12/4/2024 11:12	0	0	0	0
003	12/4/2024 11:13	0	0	0	0
004	12/4/2024 11:14	0	0	0	0
005	12/4/2024 11:15	0	0	0	0
006	12/4/2024 11:16	0	0	0	0
007	12/4/2024 11:17	0	0	0	0
008	12/4/2024 11:18	0	0	0	0
009	12/4/2024 11:19	0	0	0	0
010	12/4/2024 11:20	0	0	0	0
011	12/4/2024 11:21	0	0	0	0
012	12/4/2024 11:22	0	0	0	0
013	12/4/2024 11:23	0	0	0	0
014	12/4/2024 11:24	0	0	0	0
015	12/4/2024 11:25	0	0	0	0
016	12/4/2024 11:26	0	0	0	0
017	12/4/2024 11:27	0	0	0	0
018	12/4/2024 11:28	0	0	0	0
019	12/4/2024 11:29	0	0	0	0
020	12/4/2024 11:30	0	0	0	0
021	12/4/2024 11:31	0	0	0	0
022	12/4/2024 11:32	0	0	0	0
023	12/4/2024 11:33	0	0	0	0
024	12/4/2024 11:34	0	0	0	0
025	12/4/2024 11:35	0	0	0	0
026	12/4/2024 11:36	0	0	0	0
027	12/4/2024 11:37	0	0	0	0
028	12/4/2024 11:38	0	0	0	0
029	12/4/2024 11:39	0	0	0	0
030	12/4/2024 11:40	0	0	0	0
031	12/4/2024 11:41	0	0	0	0
032	12/4/2024 11:42	0	0	0	0
033	12/4/2024 11:43	0	0	0	0
034	12/4/2024 11:44	0	0	0	0
035	12/4/2024 11:45	0	0	0	0
036	12/4/2024 11:46	0	0	0	0
037	12/4/2024 11:47	0	0	0	0
038	12/4/2024 11:48	0	0	0	0
039	12/4/2024 11:49	0	0	0	0
040	12/4/2024 11:50	0	0	0	0

041	12/4/2024 11:51	0	0	0	0
042	12/4/2024 11:52	0	0	0	0
043	12/4/2024 11:53	0	0	0	0
044	12/4/2024 11:54	0	0	0	0
045	12/4/2024 11:55	0	0	0	0
046	12/4/2024 11:56	0	0	0	0
047	12/4/2024 11:57	0	0	0	0
048	12/4/2024 11:58	0	0	0	0
049	12/4/2024 11:59	0	0	0	0
050	12/4/2024 12:00	0	0	0	0
051	12/4/2024 12:01	0	0	0	0
052	12/4/2024 12:02	0	0	0	0
053	12/4/2024 12:03	0	0	0	0
054	12/4/2024 12:04	0	0	0	0
055	12/4/2024 12:05	0	0	0	0
056	12/4/2024 12:06	0	0	0	0
057	12/4/2024 12:07	0	0	0	0
058	12/4/2024 12:08	0	0	0	0
059	12/4/2024 12:09	0	0	0	0
060	12/4/2024 12:10	0	0	0	0
061	12/4/2024 12:11	0	0	0	0
062	12/4/2024 12:12	0	0	0	0
063	12/4/2024 12:13	0	0	0	0
064	12/4/2024 12:14	0	0	0	0
065	12/4/2024 12:15	0	0	0	0
066	12/4/2024 12:16	0	0	0	0
067	12/4/2024 12:17	0	0	0	0
068	12/4/2024 12:18	0	0	0	0
069	12/4/2024 12:19	0	0	0	0
070	12/4/2024 12:20	0	0	0	0
071	12/4/2024 12:21	0	0	0	0
072	12/4/2024 12:22	0	0	0	0
073	12/4/2024 12:23	0	0	0	0
074	12/4/2024 12:24	0	0	0	0
075	12/4/2024 12:25	0	0	0	0
076	12/4/2024 12:26	0	0	0	0
077	12/4/2024 12:27	0	0	0	0
078	12/4/2024 12:28	0	0	0	0
079	12/4/2024 12:29	0	0	0	0
080	12/4/2024 12:30	0	0	0	0
081	12/4/2024 12:31	0	0	0	0
082	12/4/2024 12:32	0	0	0	0
083	12/4/2024 12:33	0	0	0	0
084	12/4/2024 12:34	0	0	0	0

085	12/4/2024 12:35	0	0	0	0
086	12/4/2024 12:36	0	0	0	0
087	12/4/2024 12:37	0	0	0	0
088	12/4/2024 12:38	0	0	0	0
089	12/4/2024 12:39	0	0	0	0
090	12/4/2024 12:40	0	0	0	0
091	12/4/2024 12:41	0	0	0	0
092	12/4/2024 12:42	0	0	0	0
093	12/4/2024 12:43	0	0	0	0
094	12/4/2024 12:44	0	0	0	0
095	12/4/2024 12:45	0	0	0	0
096	12/4/2024 12:46	0	0	0	0
097	12/4/2024 12:47	0	0	0	0
098	12/4/2024 12:48	0	0	0	0
099	12/4/2024 12:49	0	0	0	0
100	12/4/2024 12:50	0	0	0	0
101	12/4/2024 12:51	0	0	0	0
102	12/4/2024 12:52	0	0	0	0
103	12/4/2024 12:53	0	0	0	0
104	12/4/2024 12:54	0	0	0	0
105	12/4/2024 12:55	0	0	0	0
106	12/4/2024 12:56	0	0	0	0
107	12/4/2024 12:57	0	0	0	0
108	12/4/2024 12:58	0	0	0	0
109	12/4/2024 12:59	0	0	0	0
110	12/4/2024 13:00	0	0	0	0
111	12/4/2024 13:01	0	0	0	0
112	12/4/2024 13:02	0	0	0	0
113	12/4/2024 13:03	0	0	0	0
114	12/4/2024 13:04	0	0	0	0
115	12/4/2024 13:05	0	0	0	0
116	12/4/2024 13:06	0	0	0	0
117	12/4/2024 13:07	0	0	0	0
118	12/4/2024 13:08	0	0	0	0
119	12/4/2024 13:09	0	0	0	0
120	12/4/2024 13:10	0	0	0	0
121	12/4/2024 13:11	0	0	0	0
122	12/4/2024 13:12	0	0	0	0
123	12/4/2024 13:13	0	0	0	0
124	12/4/2024 13:14	0	0	0	0
125	12/4/2024 13:15	0	0	0	0
126	12/4/2024 13:16	0	0	0	0
127	12/4/2024 13:17	0	0	0	0
128	12/4/2024 13:18	0	0	0	0

129	12/4/2024 13:19	0	0	0	0
130	12/4/2024 13:20	0	0	0	0
131	12/4/2024 13:21	0	0	0	0
132	12/4/2024 13:22	0	0	0	0
133	12/4/2024 13:23	0	0	0	0
134	12/4/2024 13:24	0	0	0	0
135	12/4/2024 13:25	0	0	0	0
136	12/4/2024 13:26	0	0	0	0
137	12/4/2024 13:27	0	0	0	0
138	12/4/2024 13:28	0	0	0	0
139	12/4/2024 13:29	0	0	0	0
140	12/4/2024 13:30	0	0	0	0
141	12/4/2024 13:31	0	0	0	0
142	12/4/2024 13:32	0	0	0	0
143	12/4/2024 13:33	0	0	0	0
144	12/4/2024 13:34	0	0	0	0
145	12/4/2024 13:35	0	0	0	0
146	12/4/2024 13:36	0	0	0	0
147	12/4/2024 13:37	0	0	0	0
148	12/4/2024 13:38	0	0	0	0
149	12/4/2024 13:39	0	0	0	0
150	12/4/2024 13:40	0	0	0	0
151	12/4/2024 13:41	0	0	0	0
152	12/4/2024 13:42	0	0	0	0
153	12/4/2024 13:43	0	0	0	0
154	12/4/2024 13:44	0	0	0	0
155	12/4/2024 13:45	0	0	0	0
156	12/4/2024 13:46	0	0	0	0
157	12/4/2024 13:47	0	0	0	0
158	12/4/2024 13:48	0	0	0	0
159	12/4/2024 13:49	0	0	0	0
160	12/4/2024 13:50	0	0	0	0
161	12/4/2024 13:51	0	0	0	0
162	12/4/2024 13:52	0	0	0	0
163	12/4/2024 13:53	0	0	0	0
164	12/4/2024 13:54	0	0	0	0
165	12/4/2024 13:55	0	0	0	0
166	12/4/2024 13:56	0	0	0	0
167	12/4/2024 13:57	0	0	0	0
168	12/4/2024 13:58	0	0	0	0
169	12/4/2024 13:59	0	0	0	0
170	12/4/2024 14:00	0	0	0	0
171	12/4/2024 14:01	0	0	0	0
172	12/4/2024 14:02	0	0	0	0

173	12/4/2024 14:03	0	0	0	0
174	12/4/2024 14:04	0	0	0	0
175	12/4/2024 14:05	0	0	0	0
176	12/4/2024 14:06	0	0	0	0
177	12/4/2024 14:07	0	0	0	0
178	12/4/2024 14:08	0	0	0	0
179	12/4/2024 14:09	0	0	0	0
180	12/4/2024 14:10	0	0	0	0
181	12/4/2024 14:11	0	0	0	0
182	12/4/2024 14:12	0	0	0	0
183	12/4/2024 14:13	0	0	0	0
184	12/4/2024 14:14	0	0	0	0
185	12/4/2024 14:15	0	0	0	0
186	12/4/2024 14:16	0	0	0	0
187	12/4/2024 14:17	0	0	0	0
188	12/4/2024 14:18	0	0	0	0
189	12/4/2024 14:19	0	0	0	0
190	12/4/2024 14:20	0	0	0	0
191	12/4/2024 14:21	0	0	0	0
192	12/4/2024 14:22	0	0	0	0
193	12/4/2024 14:23	0	0	0	0
194	12/4/2024 14:24	0	0	0	0
195	12/4/2024 14:25	0	0	0	0
196	12/4/2024 14:26	0	0	0	0
197	12/4/2024 14:27	0	0	0	0
198	12/4/2024 14:28	0	0	0	0
199	12/4/2024 14:29	0	0	0	0
200	12/4/2024 14:30	0	0	0	0
201	12/4/2024 14:31	0	0	0	0
202	12/4/2024 14:32	0	0	0	0
203	12/4/2024 14:33	0	0	0	0
204	12/4/2024 14:34	0	0	0	0
205	12/4/2024 14:35	0	0	0	0
206	12/4/2024 14:36	0	0	0	0
207	12/4/2024 14:37	0	0	0	0
208	12/4/2024 14:38	0	0	0	0
209	12/4/2024 14:39	0	0	0	0
210	12/4/2024 14:40	0	0	0	0
211	12/4/2024 14:41	0	0	0	0
212	12/4/2024 14:42	0	0	0	0
213	12/4/2024 14:43	0	0	0	0
214	12/4/2024 14:44	0	0	0	0
215	12/4/2024 14:45	0	0	0	0
216	12/4/2024 14:46	0	0	0	0

217	12/4/2024 14:47	0	0	0	0
218	12/4/2024 14:48	0	0	0	0
219	12/4/2024 14:49	0	0	0	0
220	12/4/2024 14:50	0	0	0	0
221	12/4/2024 14:51	0	0	0	0
222	12/4/2024 14:52	0	0	0	0
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224	12/4/2024 14:54	0	0	0	0
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226	12/4/2024 14:56	0	0	0	0
227	12/4/2024 14:57	0	0	0	0
228	12/4/2024 14:58	0	0	0	0
229	12/4/2024 14:59	0	0	0	0
230	12/4/2024 15:00	0	0	0	0
231	12/4/2024 15:01	0	0	0	0
232	12/4/2024 15:02	0	0	0	0
233	12/4/2024 15:03	0	0	0	0
234	12/4/2024 15:04	0	0	0	0
235	12/4/2024 15:05	0	0	0	0
236	12/4/2024 15:06	0	0	0	0
237	12/4/2024 15:07	0	0	0	0
238	12/4/2024 15:08	0	0	0	0
239	12/4/2024 15:09	0	0	0	0
240	12/4/2024 15:10	0	0	0	0
241	12/4/2024 15:11	0	0	0	0
242	12/4/2024 15:12	0	0	0	0
243	12/4/2024 15:13	0	0	0	0
244	12/4/2024 15:14	0	0	0	0
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256	12/4/2024 15:26	0	0	0	0
257	12/4/2024 15:27	0	0	0	0
258	12/4/2024 15:28	0	0	0	0
259	12/4/2024 15:29	0	0	0	0
260	12/4/2024 15:30	0	0	0	0

261	12/4/2024 15:31	0	0	0	0
262	12/4/2024 15:32	0	0	0	0
263	12/4/2024 15:33	0	0	0	0
264	12/4/2024 15:34	0	0	0	0
265	12/4/2024 15:35	0	0	0	0
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268	12/4/2024 15:38	0	0	0	0
269	12/4/2024 15:39	0	0	0	0
270	12/4/2024 15:40	0	0	0	0
271	12/4/2024 15:41	0	0	0	0
272	12/4/2024 15:42	0	0	0	0
273	12/4/2024 15:43	0	0	0	0
274	12/4/2024 15:44	0	0	0	0
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289	12/4/2024 15:59	0	0	0	0
290	12/4/2024 16:00	0	0	0	0
291	12/4/2024 16:01	0	0	0	0
292	12/4/2024 16:02	0	0	0	0
293	12/4/2024 16:03	0	0	0	0
294	12/4/2024 16:04	0	0	0	0
295	12/4/2024 16:05	0	0	0	0
296	12/4/2024 16:06	0	0	0	0
297	12/4/2024 16:07	0	0	0	0
298	12/4/2024 16:08	0	0	0	0
299	12/4/2024 16:09	0	0	0	0
300	12/4/2024 16:10	0	0	0	0
301	12/4/2024 16:11	0	0	0	0
302	12/4/2024 16:12	0	0	0	0
303	12/4/2024 16:13	0	0	0	0
304	12/4/2024 16:14	0	0	0	0

305	12/4/2024 16:15	0	0	0	0
306	12/4/2024 16:16	0	0	0	0
307	12/4/2024 16:17	0	0	0	0
308	12/4/2024 16:18	0	0	0	0
309	12/4/2024 16:19	0	0	0	0
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345	12/4/2024 16:55	0	0	0	0
346	12/4/2024 16:56	0	0	0	0
347	12/4/2024 16:57	0	0	0	0
348	12/4/2024 16:58	0	0	0	0

349	12/4/2024 16:59	0	0	0	0
350	12/4/2024 17:00	0	0	0	0
351	12/4/2024 17:01	0	0	0	0
352	12/4/2024 17:02	0	0	0	0
353	12/4/2024 17:03	0	0	0	0
354	12/4/2024 17:04	0	0	0	0
355	12/4/2024 17:05	0	0	0	0
356	12/4/2024 17:06	0	0	0	0
357	12/4/2024 17:07	0	0	0	0
358	12/4/2024 17:08	0	0	0	0
359	12/4/2024 17:09	0	0	0	0
360	12/4/2024 17:10	0	0	0	0
361	12/4/2024 17:11	0	0	0	0
362	12/4/2024 17:12	0	0	0	0
363	12/4/2024 17:13	0	0	0	0
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366	12/4/2024 17:16	0	0	0	0
367	12/4/2024 17:17	0	0	0	0
368	12/4/2024 17:18	0	0	0	0
369	12/4/2024 17:19	0	0	0	0
370	12/4/2024 17:20	0	0	0	0
371	12/4/2024 17:21	0	0	0	0
372	12/4/2024 17:22	0	0	0	0
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377	12/4/2024 17:27	0	0	0	0
378	12/4/2024 17:28	0	0	0	0
379	12/4/2024 17:29	0	0	0	0
380	12/4/2024 17:30	0	0	0	0
381	12/4/2024 17:31	0	0	0	0
382	12/4/2024 17:32	0	0	0	0
383	12/4/2024 17:33	0	0	0	0
384	12/4/2024 17:34	0	0	0	0
385	12/4/2024 17:35	0	0	0	0
Peak		0	0	0	0
Min		0	0	0	0
Average		0	0	0	0

TWA/STEL

Index	Date/Time	PID(ppm)	PID(ppm)
		(TWA)	(STEL)
001	12/4/2024 11:11	0	---
002	12/4/2024 11:12	0	---
003	12/4/2024 11:13	0	---
004	12/4/2024 11:14	0	---
005	12/4/2024 11:15	0	---
006	12/4/2024 11:16	0	---
007	12/4/2024 11:17	0	---
008	12/4/2024 11:18	0	---
009	12/4/2024 11:19	0	---
010	12/4/2024 11:20	0	---
011	12/4/2024 11:21	0	---
012	12/4/2024 11:22	0	---
013	12/4/2024 11:23	0	---
014	12/4/2024 11:24	0	---
015	12/4/2024 11:25	0	0
016	12/4/2024 11:26	0	0
017	12/4/2024 11:27	0	0
018	12/4/2024 11:28	0	0
019	12/4/2024 11:29	0	0
020	12/4/2024 11:30	0	0
021	12/4/2024 11:31	0	0
022	12/4/2024 11:32	0	0
023	12/4/2024 11:33	0	0
024	12/4/2024 11:34	0	0
025	12/4/2024 11:35	0	0
026	12/4/2024 11:36	0	0
027	12/4/2024 11:37	0	0
028	12/4/2024 11:38	0	0
029	12/4/2024 11:39	0	0
030	12/4/2024 11:40	0	0
031	12/4/2024 11:41	0	0
032	12/4/2024 11:42	0	0
033	12/4/2024 11:43	0	0
034	12/4/2024 11:44	0	0
035	12/4/2024 11:45	0	0
036	12/4/2024 11:46	0	0
037	12/4/2024 11:47	0	0
038	12/4/2024 11:48	0	0
039	12/4/2024 11:49	0	0
040	12/4/2024 11:50	0	0

041	12/4/2024 11:51	0	0
042	12/4/2024 11:52	0	0
043	12/4/2024 11:53	0	0
044	12/4/2024 11:54	0	0
045	12/4/2024 11:55	0	0
046	12/4/2024 11:56	0	0
047	12/4/2024 11:57	0	0
048	12/4/2024 11:58	0	0
049	12/4/2024 11:59	0	0
050	12/4/2024 12:00	0	0
051	12/4/2024 12:01	0	0
052	12/4/2024 12:02	0	0
053	12/4/2024 12:03	0	0
054	12/4/2024 12:04	0	0
055	12/4/2024 12:05	0	0
056	12/4/2024 12:06	0	0
057	12/4/2024 12:07	0	0
058	12/4/2024 12:08	0	0
059	12/4/2024 12:09	0	0
060	12/4/2024 12:10	0	0
061	12/4/2024 12:11	0	0
062	12/4/2024 12:12	0	0
063	12/4/2024 12:13	0	0
064	12/4/2024 12:14	0	0
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067	12/4/2024 12:17	0	0
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069	12/4/2024 12:19	0	0
070	12/4/2024 12:20	0	0
071	12/4/2024 12:21	0	0
072	12/4/2024 12:22	0	0
073	12/4/2024 12:23	0	0
074	12/4/2024 12:24	0	0
075	12/4/2024 12:25	0	0
076	12/4/2024 12:26	0	0
077	12/4/2024 12:27	0	0
078	12/4/2024 12:28	0	0
079	12/4/2024 12:29	0	0
080	12/4/2024 12:30	0	0
081	12/4/2024 12:31	0	0
082	12/4/2024 12:32	0	0
083	12/4/2024 12:33	0	0
084	12/4/2024 12:34	0	0

085	12/4/2024 12:35	0	0
086	12/4/2024 12:36	0	0
087	12/4/2024 12:37	0	0
088	12/4/2024 12:38	0	0
089	12/4/2024 12:39	0	0
090	12/4/2024 12:40	0	0
091	12/4/2024 12:41	0	0
092	12/4/2024 12:42	0	0
093	12/4/2024 12:43	0	0
094	12/4/2024 12:44	0	0
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097	12/4/2024 12:47	0	0
098	12/4/2024 12:48	0	0
099	12/4/2024 12:49	0	0
100	12/4/2024 12:50	0	0
101	12/4/2024 12:51	0	0
102	12/4/2024 12:52	0	0
103	12/4/2024 12:53	0	0
104	12/4/2024 12:54	0	0
105	12/4/2024 12:55	0	0
106	12/4/2024 12:56	0	0
107	12/4/2024 12:57	0	0
108	12/4/2024 12:58	0	0
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110	12/4/2024 13:00	0	0
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112	12/4/2024 13:02	0	0
113	12/4/2024 13:03	0	0
114	12/4/2024 13:04	0	0
115	12/4/2024 13:05	0	0
116	12/4/2024 13:06	0	0
117	12/4/2024 13:07	0	0
118	12/4/2024 13:08	0	0
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124	12/4/2024 13:14	0	0
125	12/4/2024 13:15	0	0
126	12/4/2024 13:16	0	0
127	12/4/2024 13:17	0	0
128	12/4/2024 13:18	0	0

129	12/4/2024 13:19	0	0
130	12/4/2024 13:20	0	0
131	12/4/2024 13:21	0	0
132	12/4/2024 13:22	0	0
133	12/4/2024 13:23	0	0
134	12/4/2024 13:24	0	0
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143	12/4/2024 13:33	0	0
144	12/4/2024 13:34	0	0
145	12/4/2024 13:35	0	0
146	12/4/2024 13:36	0	0
147	12/4/2024 13:37	0	0
148	12/4/2024 13:38	0	0
149	12/4/2024 13:39	0	0
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167	12/4/2024 13:57	0	0
168	12/4/2024 13:58	0	0
169	12/4/2024 13:59	0	0
170	12/4/2024 14:00	0	0
171	12/4/2024 14:01	0	0
172	12/4/2024 14:02	0	0

173	12/4/2024 14:03	0	0
174	12/4/2024 14:04	0	0
175	12/4/2024 14:05	0	0
176	12/4/2024 14:06	0	0
177	12/4/2024 14:07	0	0
178	12/4/2024 14:08	0	0
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180	12/4/2024 14:10	0	0
181	12/4/2024 14:11	0	0
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186	12/4/2024 14:16	0	0
187	12/4/2024 14:17	0	0
188	12/4/2024 14:18	0	0
189	12/4/2024 14:19	0	0
190	12/4/2024 14:20	0	0
191	12/4/2024 14:21	0	0
192	12/4/2024 14:22	0	0
193	12/4/2024 14:23	0	0
194	12/4/2024 14:24	0	0
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196	12/4/2024 14:26	0	0
197	12/4/2024 14:27	0	0
198	12/4/2024 14:28	0	0
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212	12/4/2024 14:42	0	0
213	12/4/2024 14:43	0	0
214	12/4/2024 14:44	0	0
215	12/4/2024 14:45	0	0
216	12/4/2024 14:46	0	0

217	12/4/2024 14:47	0	0
218	12/4/2024 14:48	0	0
219	12/4/2024 14:49	0	0
220	12/4/2024 14:50	0	0
221	12/4/2024 14:51	0	0
222	12/4/2024 14:52	0	0
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235	12/4/2024 15:05	0	0
236	12/4/2024 15:06	0	0
237	12/4/2024 15:07	0	0
238	12/4/2024 15:08	0	0
239	12/4/2024 15:09	0	0
240	12/4/2024 15:10	0	0
241	12/4/2024 15:11	0	0
242	12/4/2024 15:12	0	0
243	12/4/2024 15:13	0	0
244	12/4/2024 15:14	0	0
245	12/4/2024 15:15	0	0
246	12/4/2024 15:16	0	0
247	12/4/2024 15:17	0	0
248	12/4/2024 15:18	0	0
249	12/4/2024 15:19	0	0
250	12/4/2024 15:20	0	0
251	12/4/2024 15:21	0	0
252	12/4/2024 15:22	0	0
253	12/4/2024 15:23	0	0
254	12/4/2024 15:24	0	0
255	12/4/2024 15:25	0	0
256	12/4/2024 15:26	0	0
257	12/4/2024 15:27	0	0
258	12/4/2024 15:28	0	0
259	12/4/2024 15:29	0	0
260	12/4/2024 15:30	0	0

261	12/4/2024 15:31	0	0
262	12/4/2024 15:32	0	0
263	12/4/2024 15:33	0	0
264	12/4/2024 15:34	0	0
265	12/4/2024 15:35	0	0
266	12/4/2024 15:36	0	0
267	12/4/2024 15:37	0	0
268	12/4/2024 15:38	0	0
269	12/4/2024 15:39	0	0
270	12/4/2024 15:40	0	0
271	12/4/2024 15:41	0	0
272	12/4/2024 15:42	0	0
273	12/4/2024 15:43	0	0
274	12/4/2024 15:44	0	0
275	12/4/2024 15:45	0	0
276	12/4/2024 15:46	0	0
277	12/4/2024 15:47	0	0
278	12/4/2024 15:48	0	0
279	12/4/2024 15:49	0	0
280	12/4/2024 15:50	0	0
281	12/4/2024 15:51	0	0
282	12/4/2024 15:52	0	0
283	12/4/2024 15:53	0	0
284	12/4/2024 15:54	0	0
285	12/4/2024 15:55	0	0
286	12/4/2024 15:56	0	0
287	12/4/2024 15:57	0	0
288	12/4/2024 15:58	0	0
289	12/4/2024 15:59	0	0
290	12/4/2024 16:00	0	0
291	12/4/2024 16:01	0	0
292	12/4/2024 16:02	0	0
293	12/4/2024 16:03	0	0
294	12/4/2024 16:04	0	0
295	12/4/2024 16:05	0	0
296	12/4/2024 16:06	0	0
297	12/4/2024 16:07	0	0
298	12/4/2024 16:08	0	0
299	12/4/2024 16:09	0	0
300	12/4/2024 16:10	0	0
301	12/4/2024 16:11	0	0
302	12/4/2024 16:12	0	0
303	12/4/2024 16:13	0	0
304	12/4/2024 16:14	0	0

305	12/4/2024 16:15	0	0
306	12/4/2024 16:16	0	0
307	12/4/2024 16:17	0	0
308	12/4/2024 16:18	0	0
309	12/4/2024 16:19	0	0
310	12/4/2024 16:20	0	0
311	12/4/2024 16:21	0	0
312	12/4/2024 16:22	0	0
313	12/4/2024 16:23	0	0
314	12/4/2024 16:24	0	0
315	12/4/2024 16:25	0	0
316	12/4/2024 16:26	0	0
317	12/4/2024 16:27	0	0
318	12/4/2024 16:28	0	0
319	12/4/2024 16:29	0	0
320	12/4/2024 16:30	0	0
321	12/4/2024 16:31	0	0
322	12/4/2024 16:32	0	0
323	12/4/2024 16:33	0	0
324	12/4/2024 16:34	0	0
325	12/4/2024 16:35	0	0
326	12/4/2024 16:36	0	0
327	12/4/2024 16:37	0	0
328	12/4/2024 16:38	0	0
329	12/4/2024 16:39	0	0
330	12/4/2024 16:40	0	0
331	12/4/2024 16:41	0	0
332	12/4/2024 16:42	0	0
333	12/4/2024 16:43	0	0
334	12/4/2024 16:44	0	0
335	12/4/2024 16:45	0	0
336	12/4/2024 16:46	0	0
337	12/4/2024 16:47	0	0
338	12/4/2024 16:48	0	0
339	12/4/2024 16:49	0	0
340	12/4/2024 16:50	0	0
341	12/4/2024 16:51	0	0
342	12/4/2024 16:52	0	0
343	12/4/2024 16:53	0	0
344	12/4/2024 16:54	0	0
345	12/4/2024 16:55	0	0
346	12/4/2024 16:56	0	0
347	12/4/2024 16:57	0	0
348	12/4/2024 16:58	0	0

349	12/4/2024 16:59	0	0
350	12/4/2024 17:00	0	0
351	12/4/2024 17:01	0	0
352	12/4/2024 17:02	0	0
353	12/4/2024 17:03	0	0
354	12/4/2024 17:04	0	0
355	12/4/2024 17:05	0	0
356	12/4/2024 17:06	0	0
357	12/4/2024 17:07	0	0
358	12/4/2024 17:08	0	0
359	12/4/2024 17:09	0	0
360	12/4/2024 17:10	0	0
361	12/4/2024 17:11	0	0
362	12/4/2024 17:12	0	0
363	12/4/2024 17:13	0	0
364	12/4/2024 17:14	0	0
365	12/4/2024 17:15	0	0
366	12/4/2024 17:16	0	0
367	12/4/2024 17:17	0	0
368	12/4/2024 17:18	0	0
369	12/4/2024 17:19	0	0
370	12/4/2024 17:20	0	0
371	12/4/2024 17:21	0	0
372	12/4/2024 17:22	0	0
373	12/4/2024 17:23	0	0
374	12/4/2024 17:24	0	0
375	12/4/2024 17:25	0	0
376	12/4/2024 17:26	0	0
377	12/4/2024 17:27	0	0
378	12/4/2024 17:28	0	0
379	12/4/2024 17:29	0	0
380	12/4/2024 17:30	0	0
381	12/4/2024 17:31	0	0
382	12/4/2024 17:32	0	0
383	12/4/2024 17:33	0	0
384	12/4/2024 17:34	0	0
385	12/4/2024 17:35	0	0

=====

24/12/05 09:29

Summary

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-925646

Unit Firmw: V2.22A

Running Mc Hygiene Mode

Datalog Mo Manual

Diagnostic No

Stop Reaso Stop by User

Site ID RAE00000

User ID USER0000

Begin 12/5/2024 9:29

End 12/5/2024 11:48

Sample Per 60

Number of 139

Sensor PID(ppm)

Sensor SN S023030039V8

Measure Ty Min; Avg; Max; Real

Span 100

Span 2 1000

Low Alarm 50

High Alarm 100

Over Alarm 15000

STEL Alarm 25

TWA Alarm 10

Measurem Isobutylene

Calibration 11/25/2024 10:26

Peak 0

Min 0

Average 0

Datalog

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	12/5/2024 9:30	0	0	0	0
002	12/5/2024 9:31	0	0	0	0
003	12/5/2024 9:32	0	0	0	0
004	12/5/2024 9:33	0	0	0	0
005	12/5/2024 9:34	0	0	0	0
006	12/5/2024 9:35	0	0	0	0
007	12/5/2024 9:36	0	0	0	0
008	12/5/2024 9:37	0	0	0	0
009	12/5/2024 9:38	0	0	0	0
010	12/5/2024 9:39	0	0	0	0
011	12/5/2024 9:40	0	0	0	0
012	12/5/2024 9:41	0	0	0	0
013	12/5/2024 9:42	0	0	0	0
014	12/5/2024 9:43	0	0	0	0
015	12/5/2024 9:44	0	0	0	0
016	12/5/2024 9:45	0	0	0	0
017	12/5/2024 9:46	0	0	0	0
018	12/5/2024 9:47	0	0	0	0
019	12/5/2024 9:48	0	0	0	0
020	12/5/2024 9:49	0	0	0	0
021	12/5/2024 9:50	0	0	0	0
022	12/5/2024 9:51	0	0	0	0
023	12/5/2024 9:52	0	0	0	0
024	12/5/2024 9:53	0	0	0	0
025	12/5/2024 9:54	0	0	0	0
026	12/5/2024 9:55	0	0	0	0
027	12/5/2024 9:56	0	0	0	0
028	12/5/2024 9:57	0	0	0	0
029	12/5/2024 9:58	0	0	0	0
030	12/5/2024 9:59	0	0	0	0
031	12/5/2024 10:00	0	0	0	0
032	12/5/2024 10:01	0	0	0	0
033	12/5/2024 10:02	0	0	0	0
034	12/5/2024 10:03	0	0	0	0
035	12/5/2024 10:04	0	0	0	0
036	12/5/2024 10:05	0	0	0	0
037	12/5/2024 10:06	0	0	0	0
038	12/5/2024 10:07	0	0	0	0
039	12/5/2024 10:08	0	0	0	0
040	12/5/2024 10:09	0	0	0	0

041	12/5/2024 10:10	0	0	0	0
042	12/5/2024 10:11	0	0	0	0
043	12/5/2024 10:12	0	0	0	0
044	12/5/2024 10:13	0	0	0	0
045	12/5/2024 10:14	0	0	0	0
046	12/5/2024 10:15	0	0	0	0
047	12/5/2024 10:16	0	0	0	0
048	12/5/2024 10:17	0	0	0	0
049	12/5/2024 10:18	0	0	0	0
050	12/5/2024 10:19	0	0	0	0
051	12/5/2024 10:20	0	0	0	0
052	12/5/2024 10:21	0	0	0	0
053	12/5/2024 10:22	0	0	0	0
054	12/5/2024 10:23	0	0	0	0
055	12/5/2024 10:24	0	0	0	0
056	12/5/2024 10:25	0	0	0	0
057	12/5/2024 10:26	0	0	0	0
058	12/5/2024 10:27	0	0	0	0
059	12/5/2024 10:28	0	0	0	0
060	12/5/2024 10:29	0	0	0	0
061	12/5/2024 10:30	0	0	0	0
062	12/5/2024 10:31	0	0	0	0
063	12/5/2024 10:32	0	0	0	0
064	12/5/2024 10:33	0	0	0	0
065	12/5/2024 10:34	0	0	0	0
066	12/5/2024 10:35	0	0	0	0
067	12/5/2024 10:36	0	0	0	0
068	12/5/2024 10:37	0	0	0	0
069	12/5/2024 10:38	0	0	0	0
070	12/5/2024 10:39	0	0	0	0
071	12/5/2024 10:40	0	0	0	0
072	12/5/2024 10:41	0	0	0	0
073	12/5/2024 10:42	0	0	0	0
074	12/5/2024 10:43	0	0	0	0
075	12/5/2024 10:44	0	0	0	0
076	12/5/2024 10:45	0	0	0	0
077	12/5/2024 10:46	0	0	0	0
078	12/5/2024 10:47	0	0	0	0
079	12/5/2024 10:48	0	0	0	0
080	12/5/2024 10:49	0	0	0	0
081	12/5/2024 10:50	0	0	0	0
082	12/5/2024 10:51	0	0	0	0
083	12/5/2024 10:52	0	0	0	0
084	12/5/2024 10:53	0	0	0	0

085	12/5/2024 10:54	0	0	0	0
086	12/5/2024 10:55	0	0	0	0
087	12/5/2024 10:56	0	0	0	0
088	12/5/2024 10:57	0	0	0	0
089	12/5/2024 10:58	0	0	0	0
090	12/5/2024 10:59	0	0	0	0
091	12/5/2024 11:00	0	0	0	0
092	12/5/2024 11:01	0	0	0	0
093	12/5/2024 11:02	0	0	0	0
094	12/5/2024 11:03	0	0	0	0
095	12/5/2024 11:04	0	0	0	0
096	12/5/2024 11:05	0	0	0	0
097	12/5/2024 11:06	0	0	0	0
098	12/5/2024 11:07	0	0	0	0
099	12/5/2024 11:08	0	0	0	0
100	12/5/2024 11:09	0	0	0	0
101	12/5/2024 11:10	0	0	0	0
102	12/5/2024 11:11	0	0	0	0
103	12/5/2024 11:12	0	0	0	0
104	12/5/2024 11:13	0	0	0	0
105	12/5/2024 11:14	0	0	0	0
106	12/5/2024 11:15	0	0	0	0
107	12/5/2024 11:16	0	0	0	0
108	12/5/2024 11:17	0	0	0	0
109	12/5/2024 11:18	0	0	0	0
110	12/5/2024 11:19	0	0	0	0
111	12/5/2024 11:20	0	0	0	0
112	12/5/2024 11:21	0	0	0	0
113	12/5/2024 11:22	0	0	0	0
114	12/5/2024 11:23	0	0	0	0
115	12/5/2024 11:24	0	0	0	0
116	12/5/2024 11:25	0	0	0	0
117	12/5/2024 11:26	0	0	0	0
118	12/5/2024 11:27	0	0	0	0
119	12/5/2024 11:28	0	0	0	0
120	12/5/2024 11:29	0	0	0	0
121	12/5/2024 11:30	0	0	0	0
122	12/5/2024 11:31	0	0	0	0
123	12/5/2024 11:32	0	0	0	0
124	12/5/2024 11:33	0	0	0	0
125	12/5/2024 11:34	0	0	0	0
126	12/5/2024 11:35	0	0	0	0
127	12/5/2024 11:36	0	0	0	0
128	12/5/2024 11:37	0	0	0	0

129	12/5/2024 11:38	0	0	0	0
130	12/5/2024 11:39	0	0	0	0
131	12/5/2024 11:40	0	0	0	0
132	12/5/2024 11:41	0	0	0	0
133	12/5/2024 11:42	0	0	0	0
134	12/5/2024 11:43	0	0	0	0
135	12/5/2024 11:44	0	0	0	0
136	12/5/2024 11:45	0	0	0	0
137	12/5/2024 11:46	0	0	0	0
138	12/5/2024 11:47	0	0	0	0
139	12/5/2024 11:48	0	0	0	0
Peak		0	0	0	0
Min		0	0	0	0
Average		0	0	0	0

TWA/STEL

Index	Date/Time	PID(ppm)	PID(ppm)
		(TWA)	(STEL)
001	12/5/2024 9:30	0	---
002	12/5/2024 9:31	0	---
003	12/5/2024 9:32	0	---
004	12/5/2024 9:33	0	---
005	12/5/2024 9:34	0	---
006	12/5/2024 9:35	0	---
007	12/5/2024 9:36	0	---
008	12/5/2024 9:37	0	---
009	12/5/2024 9:38	0	---
010	12/5/2024 9:39	0	---
011	12/5/2024 9:40	0	---
012	12/5/2024 9:41	0	---
013	12/5/2024 9:42	0	---
014	12/5/2024 9:43	0	---
015	12/5/2024 9:44	0	0
016	12/5/2024 9:45	0	0
017	12/5/2024 9:46	0	0
018	12/5/2024 9:47	0	0
019	12/5/2024 9:48	0	0
020	12/5/2024 9:49	0	0
021	12/5/2024 9:50	0	0
022	12/5/2024 9:51	0	0
023	12/5/2024 9:52	0	0
024	12/5/2024 9:53	0	0
025	12/5/2024 9:54	0	0
026	12/5/2024 9:55	0	0
027	12/5/2024 9:56	0	0
028	12/5/2024 9:57	0	0
029	12/5/2024 9:58	0	0
030	12/5/2024 9:59	0	0
031	12/5/2024 10:00	0	0
032	12/5/2024 10:01	0	0
033	12/5/2024 10:02	0	0
034	12/5/2024 10:03	0	0
035	12/5/2024 10:04	0	0
036	12/5/2024 10:05	0	0
037	12/5/2024 10:06	0	0
038	12/5/2024 10:07	0	0
039	12/5/2024 10:08	0	0
040	12/5/2024 10:09	0	0

041	12/5/2024 10:10	0	0
042	12/5/2024 10:11	0	0
043	12/5/2024 10:12	0	0
044	12/5/2024 10:13	0	0
045	12/5/2024 10:14	0	0
046	12/5/2024 10:15	0	0
047	12/5/2024 10:16	0	0
048	12/5/2024 10:17	0	0
049	12/5/2024 10:18	0	0
050	12/5/2024 10:19	0	0
051	12/5/2024 10:20	0	0
052	12/5/2024 10:21	0	0
053	12/5/2024 10:22	0	0
054	12/5/2024 10:23	0	0
055	12/5/2024 10:24	0	0
056	12/5/2024 10:25	0	0
057	12/5/2024 10:26	0	0
058	12/5/2024 10:27	0	0
059	12/5/2024 10:28	0	0
060	12/5/2024 10:29	0	0
061	12/5/2024 10:30	0	0
062	12/5/2024 10:31	0	0
063	12/5/2024 10:32	0	0
064	12/5/2024 10:33	0	0
065	12/5/2024 10:34	0	0
066	12/5/2024 10:35	0	0
067	12/5/2024 10:36	0	0
068	12/5/2024 10:37	0	0
069	12/5/2024 10:38	0	0
070	12/5/2024 10:39	0	0
071	12/5/2024 10:40	0	0
072	12/5/2024 10:41	0	0
073	12/5/2024 10:42	0	0
074	12/5/2024 10:43	0	0
075	12/5/2024 10:44	0	0
076	12/5/2024 10:45	0	0
077	12/5/2024 10:46	0	0
078	12/5/2024 10:47	0	0
079	12/5/2024 10:48	0	0
080	12/5/2024 10:49	0	0
081	12/5/2024 10:50	0	0
082	12/5/2024 10:51	0	0
083	12/5/2024 10:52	0	0
084	12/5/2024 10:53	0	0

085	12/5/2024 10:54	0	0
086	12/5/2024 10:55	0	0
087	12/5/2024 10:56	0	0
088	12/5/2024 10:57	0	0
089	12/5/2024 10:58	0	0
090	12/5/2024 10:59	0	0
091	12/5/2024 11:00	0	0
092	12/5/2024 11:01	0	0
093	12/5/2024 11:02	0	0
094	12/5/2024 11:03	0	0
095	12/5/2024 11:04	0	0
096	12/5/2024 11:05	0	0
097	12/5/2024 11:06	0	0
098	12/5/2024 11:07	0	0
099	12/5/2024 11:08	0	0
100	12/5/2024 11:09	0	0
101	12/5/2024 11:10	0	0
102	12/5/2024 11:11	0	0
103	12/5/2024 11:12	0	0
104	12/5/2024 11:13	0	0
105	12/5/2024 11:14	0	0
106	12/5/2024 11:15	0	0
107	12/5/2024 11:16	0	0
108	12/5/2024 11:17	0	0
109	12/5/2024 11:18	0	0
110	12/5/2024 11:19	0	0
111	12/5/2024 11:20	0	0
112	12/5/2024 11:21	0	0
113	12/5/2024 11:22	0	0
114	12/5/2024 11:23	0	0
115	12/5/2024 11:24	0	0
116	12/5/2024 11:25	0	0
117	12/5/2024 11:26	0	0
118	12/5/2024 11:27	0	0
119	12/5/2024 11:28	0	0
120	12/5/2024 11:29	0	0
121	12/5/2024 11:30	0	0
122	12/5/2024 11:31	0	0
123	12/5/2024 11:32	0	0
124	12/5/2024 11:33	0	0
125	12/5/2024 11:34	0	0
126	12/5/2024 11:35	0	0
127	12/5/2024 11:36	0	0
128	12/5/2024 11:37	0	0

129	12/5/2024 11:38	0	0
130	12/5/2024 11:39	0	0
131	12/5/2024 11:40	0	0
132	12/5/2024 11:41	0	0
133	12/5/2024 11:42	0	0
134	12/5/2024 11:43	0	0
135	12/5/2024 11:44	0	0
136	12/5/2024 11:45	0	0
137	12/5/2024 11:46	0	0
138	12/5/2024 11:47	0	0
139	12/5/2024 11:48	0	0



Attachment 8

IDW Disposal

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MD 981557 630		Manifest Document No. 2025-2028 B		2. Page 1 of 1			
3. Generator's Name and Mailing Address Sunshine Cleaners 594 Loudon Road #14 Latham, NY 12110									
4. Generator's Phone (518) 785-4328									
5. Transporter 1 Company Name Corbett Industrial Cleaning Sys Inc		6. US EPA ID Number NYR000235168		A. State Transporter's ID 4A-708		B. Transporter 1 Phone 518-729-4000			
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone			
9. Designated Facility Name and Site Address VLS Lancaster, LLC 1076 Old Manheim Pike Lancaster, PA 17601		10. US EPA ID Number PA D987266749		E. State Facility's ID		F. Facility's Phone (717) 393-2627			
11. WASTE DESCRIPTION a. Non-RCRA Non-DOT Regulated Solid (Drill Cuttings) b. c. d.				12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
				No. Type					
				10 DM		5000		P	
G. Additional Descriptions for Materials Listed Above 11g.) WIP # 1278902				H. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information Lic Plate # 16064NF (NY)									
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.									
Printed/Typed Name Patrick Schuch (Agent for Sunshine Cleaners)		Signature <i>[Signature]</i>		Date Month Day Year 4 23 25					
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Chris Corbett		Signature <i>[Signature]</i>		Date Month Day Year 4 23 25			
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Date Month Day Year			
19. Discrepancy Indication Space									
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.									
Printed/Typed Name		Signature		Date Month Day Year					

NON-HAZARDOUS WASTE



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MD981557630		Manifest Document No. 2025-2028A		2. Page 1 of 1	
3. Generator's Name and Mailing Address Sunshine Cleaners 594 Loudon Road #14 Latham, NY 12110							
4. Generator's Phone (518) 785-4328							
5. Transporter 1 Company Name Corbett Industrial Cleaning Sys		6. US EPA ID Number NYR000235168		A. State Transporter's ID 4A-708		B. Transporter 1 Phone 518-729-4000	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address VLS Lancaster LLC 1076 Old Manheim Pike Lancaster, PA 17601		10. US EPA ID Number PA0987266749		E. State Facility's ID		F. Facility's Phone (717) - 393-2627	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		Unit Wt/Vol.	
				a. Non-RCRA Non- DOT Regulated Solid (Drill Cuttings)		4 DM 2000 P	
				b. Non-RCRA Non- DOT Regulated Liquid (groundwater / purge water)		5 DM 1,750 P	
				c.			
d.							
G. Additional Descriptions for Materials Listed Above Lic. Plate # 24965 NA (NY)				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information 11a.) WIP # 1278902 11b.) WIP # 1278765 (ERC1278765-LPT)							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name Robert Schuchman (Agent for Sunshine Cleaners)				Signature <i>[Signature]</i>		Date 4/23/25	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Date 4/23/25	
Printed/Typed Name Will Shippy				Signature <i>[Signature]</i>		Date 4/23/25	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	





Attachment 9

Soil Laboratory Analytical Reports



Wednesday, May 07, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCR46087
Sample ID#s: CR46087 - CR46098

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCR46087



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR46087

Labella Associates DPC NEWTON

Methodology Summary

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR46087

Labella Associates DPC NEWTON

Laboratory Chronicle

The samples in this delivery group were received at 1.8°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR46087	Volatiles	08/21/24	08/23/24	08/23/24	MH	Y
CR46088	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46088	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46088	Pesticides - Soil	08/21/24	08/21/24	08/22/24	AW	Y
CR46088	Polychlorinated Biphenyls	08/21/24	08/21/24	08/22/24	SC	Y
CR46088	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y
CR46088	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46089	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46089	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46089	Pesticides - Soil	08/21/24	08/21/24	08/22/24	AW	Y
CR46089	Polychlorinated Biphenyls	08/21/24	08/21/24	08/22/24	SC	Y
CR46089	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y
CR46089	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46090	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46090	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46090	Pesticides - Soil	08/21/24	08/21/24	08/22/24	AW	Y
CR46090	Polychlorinated Biphenyls	08/21/24	08/21/24	08/22/24	SC	Y
CR46090	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y
CR46090	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46091	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46091	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46092	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46092	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46092	Pesticides - Soil	08/21/24	08/22/24	08/23/24	AW	Y
CR46092	Polychlorinated Biphenyls	08/21/24	08/22/24	08/23/24	SC	Y
CR46092	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y
CR46092	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46093	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46093	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46093	Pesticides - Soil	08/21/24	08/22/24	08/23/24	AW	Y
CR46093	Polychlorinated Biphenyls	08/21/24	08/22/24	08/23/24	SC	Y
CR46093	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y



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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR46087

Labella Associates DPC NEWTON

CR46093	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46094	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46094	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46094	Pesticides - Soil	08/21/24	08/22/24	08/23/24	CN	Y
CR46094	Polychlorinated Biphenyls	08/21/24	08/22/24	08/23/24	SC	Y
CR46094	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y
CR46094	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46095	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46095	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46095	Pesticides - Soil	08/21/24	08/22/24	08/23/24	CN	Y
CR46095	Polychlorinated Biphenyls	08/21/24	08/22/24	08/23/24	SC	Y
CR46095	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y
CR46095	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46096	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46096	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46096	Pesticides - Soil	08/21/24	08/22/24	08/23/24	AW	Y
CR46096	Polychlorinated Biphenyls	08/21/24	08/22/24	08/23/24	SC	Y
CR46096	Semivolatiles	08/21/24	08/22/24	08/23/24	MR	Y
CR46096	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46097	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46097	Percent Solid	08/21/24	08/21/24	08/21/24	CV	Y
CR46097	Pesticides - Soil	08/21/24	08/22/24	08/23/24	CN	Y
CR46097	Polychlorinated Biphenyls	08/21/24	08/22/24	08/23/24	SC	Y
CR46097	Semivolatiles	08/21/24	08/22/24	08/22/24	MR	Y
CR46097	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y
CR46098	Field Extraction	08/21/24	08/21/24	08/21/24		Y
CR46098	Volatiles	08/21/24	08/22/24	08/22/24	JLI	Y



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SDG Comments

May 07, 2025

SDG I.D.: GCR46087

Ver.3:

This report has been revised to include added analysis per client request.



Environmental Laboratories, Inc.
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Sample Id Cross Reference

May 07, 2025

SDG I.D.: GCR46087

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
EQUIPMENT BLANK 2	CR46087	GROUND WATER	08/21/24 8:00
SB-3/MW-3 9.5'-11'	CR46088	SOIL	08/21/24 9:00
SB-3/MW-3 14-15`	CR46089	SOIL	08/21/24 9:05
SB-3/MW-3 18-20`	CR46090	SOIL	08/21/24 9:10
TRIP BLANK LL	CR46091	SOIL	08/21/24 0:00
SB-4/MW-4 7-8`	CR46092	SOIL	08/21/24 11:40
SB-4/MW-4 10-11.5`	CR46093	SOIL	08/21/24 11:45
SB-4/MW-4 14-15`	CR46094	SOIL	08/21/24 11:50
SB-5/MW-5 6.5-8`	CR46095	SOIL	08/21/24 13:20
SB-5/MW-5 9-10`	CR46096	SOIL	08/21/24 13:25
SB-5/MW-5 14-15`	CR46097	SOIL	08/21/24 13:30
TRIP BLANK HL	CR46098	SOIL	08/21/24 0:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

08/21/24
08/21/24

Time

8:00
17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46087

Project ID: NEWTON
Client ID: EQUIPMENT BLANK 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	08/23/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/23/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	08/23/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	08/23/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	08/23/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	08/23/24	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	08/23/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	08/23/24	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/23/24	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	08/23/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	08/23/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	08/23/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	08/23/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	08/23/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	08/23/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	08/23/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/23/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	08/23/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	08/23/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	08/23/24	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	08/23/24	MH	70 - 130 %
% Dibromofluoromethane	106			%	1	08/23/24	MH	70 - 130 %

Project ID: NEWTON

Phoenix I.D.: CR46087

Client ID: EQUIPMENT BLANK 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	83			%	1	08/23/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/21/24 9:00
08/21/24 17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46088

Project ID: NEWTON
Client ID: SB-3/MW-3 9.5'-11'

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/21/24	H/X	SW3546
Soil Extraction for Pesticide	Completed					08/21/24	H/X	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1221	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1232	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1242	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1248	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1254	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1260	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1262	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1268	ND	650	650	ug/Kg	10	08/22/24	SC	SW8082A

QA/QC Surrogates

% DCBP	92			%	10	08/22/24	SC	30 - 150 %
% DCBP (Confirmation)	80			%	10	08/22/24	SC	30 - 150 %
% TCMX	88			%	10	08/22/24	SC	30 - 150 %
% TCMX (Confirmation)	88			%	10	08/22/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.9	3.9	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDE	18	3.9	3.9	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDT	ND	3.9	3.9	ug/Kg	2	08/22/24	AW	SW8081B
a-BHC	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	74	6.5	6.5	ug/Kg	2	08/22/24	AW	SW8081B
Aldrin	ND	6.5	6.5	ug/Kg	2	08/22/24	AW	SW8081B
b-BHC	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Chlordane	340	65	65	ug/Kg	2	08/22/24	AW	SW8081B
d-BHC	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Dieldrin	ND	6.5	6.5	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan I	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan II	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan sulfate	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endrin	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endrin aldehyde	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endrin ketone	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
g-BHC	ND	2.6	2.6	ug/Kg	2	08/22/24	AW	SW8081B
g-Chlordane	53	6.5	6.5	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor epoxide	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Methoxychlor	ND	65	65	ug/Kg	2	08/22/24	AW	SW8081B
Toxaphene	ND	260	260	ug/Kg	2	08/22/24	AW	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	109			%	2	08/22/24	AW	30 - 150 %
% DCBP (Confirmation)	104			%	2	08/22/24	AW	30 - 150 %
% TCMX	92			%	2	08/22/24	AW	30 - 150 %
% TCMX (Confirmation)	98			%	2	08/22/24	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	ND	29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	11	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.7	2.3	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	11	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.9	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.7	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.9	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	92			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	98			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	300	100	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	430	210	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	300	200	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	430	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	690	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	300	86	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzidine	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	860	170	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	430	120	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	430	120	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	300	160	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	430	120	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	430	160	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	430	130	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	430	160	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	430	110	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	67			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	63			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	56			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	60			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	65			%	1	08/23/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

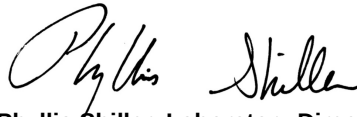
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

08/21/24
08/21/24

Time

9:05
17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46089

Project ID: NEWTON
Client ID: SB-3/MW-3 14-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/21/24	H/X	SW3546
Soil Extraction for Pesticide	Completed					08/21/24	H/X	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1221	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1232	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1242	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1248	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1254	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1260	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1262	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1268	ND	640	640	ug/Kg	10	08/22/24	SC	SW8082A

QA/QC Surrogates

% DCBP	94			%	10	08/22/24	SC	30 - 150 %
% DCBP (Confirmation)	87			%	10	08/22/24	SC	30 - 150 %
% TCMX	87			%	10	08/22/24	SC	30 - 150 %
% TCMX (Confirmation)	87			%	10	08/22/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDE	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDT	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
a-BHC	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	6.4	6.4	ug/Kg	2	08/22/24	AW	SW8081B
Aldrin	ND	6.4	6.4	ug/Kg	2	08/22/24	AW	SW8081B
b-BHC	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Chlordane	ND	64	64	ug/Kg	2	08/22/24	AW	SW8081B
d-BHC	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Dieldrin	ND	6.4	6.4	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan I	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan II	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan sulfate	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endrin	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endrin aldehyde	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Endrin ketone	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
g-BHC	ND	2.5	2.5	ug/Kg	2	08/22/24	AW	SW8081B
g-Chlordane	ND	6.4	6.4	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor epoxide	ND	13	13	ug/Kg	2	08/22/24	AW	SW8081B
Methoxychlor	ND	64	64	ug/Kg	2	08/22/24	AW	SW8081B
Toxaphene	ND	250	250	ug/Kg	2	08/22/24	AW	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	100			%	2	08/22/24	AW	30 - 150 %
% DCBP (Confirmation)	91			%	2	08/22/24	AW	30 - 150 %
% TCMX	81			%	2	08/22/24	AW	30 - 150 %
% TCMX (Confirmation)	96			%	2	08/22/24	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	10	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	10	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.0	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	91			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	97			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	300	100	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	430	210	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	300	200	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	430	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	680	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	300	86	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzidine	ND	300	170	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	860	170	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	430	120	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	430	120	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	430	170	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	300	110	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	300	130	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	430	120	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	430	160	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	430	130	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	430	160	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	300	120	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	300	140	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	300	150	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	430	110	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	55			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	51			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	50			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	52			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	55			%	1	08/23/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

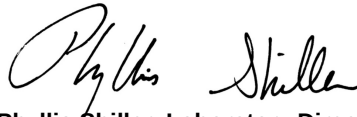
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

08/21/24
08/21/24

Time

9:10
17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46090

Project ID: NEWTON
Client ID: SB-3/MW-3 18-20`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/21/24	H/X	SW3546
Soil Extraction for Pesticide	Completed					08/21/24	H/X	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1221	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1232	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1242	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1248	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1254	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1260	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1262	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1268	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A

QA/QC Surrogates

% DCBP	91			%	10	08/22/24	SC	30 - 150 %
% DCBP (Confirmation)	79			%	10	08/22/24	SC	30 - 150 %
% TCMX	76			%	10	08/22/24	SC	30 - 150 %
% TCMX (Confirmation)	75			%	10	08/22/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	08/22/24	AW	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/22/24	AW	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	08/22/24	AW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/22/24	AW	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	92			%	2	08/22/24	AW	30 - 150 %
% DCBP (Confirmation)	86			%	2	08/22/24	AW	30 - 150 %
% TCMX	75			%	2	08/22/24	AW	30 - 150 %
% TCMX (Confirmation)	81			%	2	08/22/24	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	23	4.5	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	23	4.5	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	ND	23	4.5	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	9.1	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	4.5	1.8	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	23	4.5	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.1	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	9.1	4.5	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.1	2.3	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	4.5	4.5	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.1	2.3	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.5	0.91	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	4.5	0.45	ug/Kg	1	08/22/24	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	111			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	96			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	96			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	93	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	190	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	620	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	270	77	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzidine	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	770	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	390	100	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	390	95	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	55			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	60			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	55			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	52			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	56			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	61			%	1	08/23/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

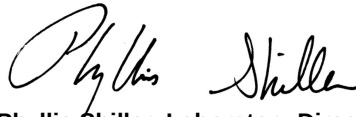
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/21/24
08/21/24 17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46091

Project ID: NEWTON
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/21/24		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	10	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	10	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.0	5.0	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/22/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97			%	1	08/22/24	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	97			%	1	08/22/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

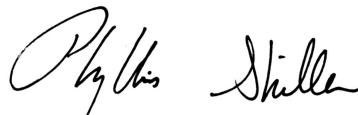
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/21/24 11:40
08/21/24 17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46092

Project ID: NEWTON
Client ID: SB-4/MW-4 7-8`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/22/24	C/U	SW3546
Soil Extraction for Pesticide	Completed					08/22/24	C/U	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A

QA/QC Surrogates

% DCBP	96			%	10	08/23/24	SC	30 - 150 %
% DCBP (Confirmation)	100			%	10	08/23/24	SC	30 - 150 %
% TCMX	92			%	10	08/23/24	SC	30 - 150 %
% TCMX (Confirmation)	94			%	10	08/23/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	4.1	2.4	2.4	ug/Kg	2	08/23/24	AW	SW8081B
4,4' -DDE	7.0	2.4	2.4	ug/Kg	2	08/23/24	AW	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/23/24	AW	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	3.9	3.9	ug/Kg	2	08/23/24	AW	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/23/24	AW	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Chlordane	ND	39	39	ug/Kg	2	08/23/24	AW	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Dieldrin	10	3.9	3.9	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/23/24	AW	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	08/23/24	AW	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	08/23/24	AW	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/23/24	AW	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/23/24	AW	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	88			%	2	08/23/24	AW	30 - 150 %
% DCBP (Confirmation)	58			%	2	08/23/24	AW	30 - 150 %
% TCMX	78			%	2	08/23/24	AW	30 - 150 %
% TCMX (Confirmation)	85			%	2	08/23/24	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	11	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.4	2.2	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	11	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.4	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	92			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	97			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	96	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	640	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	280	80	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	800	160	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	120	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	150	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	400	98	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	54			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	55			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	50			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	47			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	50			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	56			%	1	08/23/24	MR	30 - 130 %

Project ID: NEWTON
Client ID: SB-4/MW-4 7-8`

Phoenix I.D.: CR46092

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

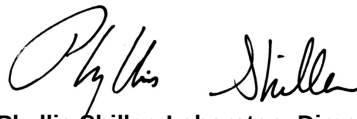
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

08/21/24
08/21/24

Time

11:45
17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46093

Project ID: NEWTON
Client ID: SB-4/MW-4 10-11.5`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/22/24	C/U	SW3546
Soil Extraction for Pesticide	Completed					08/22/24	C/U	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1221	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1232	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1242	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1248	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1254	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1260	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1262	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1268	ND	430	430	ug/Kg	10	08/23/24	SC	SW8082A

QA/QC Surrogates

% DCBP	91			%	10	08/23/24	SC	30 - 150 %
% DCBP (Confirmation)	96			%	10	08/23/24	SC	30 - 150 %
% TCMX	82			%	10	08/23/24	SC	30 - 150 %
% TCMX (Confirmation)	83			%	10	08/23/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	4.1	2.6	2.6	ug/Kg	2	08/23/24	AW	SW8081B
4,4' -DDE	5.7	2.6	2.6	ug/Kg	2	08/23/24	AW	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	08/23/24	AW	SW8081B
a-BHC	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	4.3	4.3	ug/Kg	2	08/23/24	AW	SW8081B
Aldrin	ND	4.3	4.3	ug/Kg	2	08/23/24	AW	SW8081B
b-BHC	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Chlordane	ND	43	43	ug/Kg	2	08/23/24	AW	SW8081B
d-BHC	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Dieldrin	ND	4.3	4.3	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan I	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan II	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan sulfate	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Endrin	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Endrin aldehyde	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Endrin ketone	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	08/23/24	AW	SW8081B
g-Chlordane	ND	4.3	4.3	ug/Kg	2	08/23/24	AW	SW8081B
Heptachlor	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Heptachlor epoxide	ND	8.7	8.7	ug/Kg	2	08/23/24	AW	SW8081B
Methoxychlor	ND	43	43	ug/Kg	2	08/23/24	AW	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	08/23/24	AW	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	79			%	2	08/23/24	AW	30 - 150 %
% DCBP (Confirmation)	53			%	2	08/23/24	AW	30 - 150 %
% TCMX	68			%	2	08/23/24	AW	30 - 150 %
% TCMX (Confirmation)	78			%	2	08/23/24	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	49	S 29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	11	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.7	2.3	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	11	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.9	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.7	5.7	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.9	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.7	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.7	0.57	ug/Kg	1	08/22/24	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	91			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	98			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	310	100	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	310	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	440	220	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	310	170	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	310	170	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	310	170	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	310	210	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	440	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	310	170	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	700	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	310	87	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzidine	ND	310	170	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	870	170	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	440	120	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	440	130	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	310	110	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	310	160	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	310	130	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	440	120	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	440	170	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	440	130	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	440	160	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	310	120	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	310	140	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	310	150	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	440	110	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	66			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	56			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	60			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	70			%	1	08/23/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/21/24 11:50
08/21/24 17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46094

Project ID: NEWTON
Client ID: SB-4/MW-4 14-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/22/24	C/U	SW3546
Soil Extraction for Pesticide	Completed					08/22/24	C/U	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1221	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1232	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1242	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1248	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1254	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1260	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1262	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1268	ND	380	380	ug/Kg	10	08/23/24	SC	SW8082A

QA/QC Surrogates

% DCBP	116			%	10	08/23/24	SC	30 - 150 %
% DCBP (Confirmation)	97			%	10	08/23/24	SC	30 - 150 %
% TCMX	72			%	10	08/23/24	SC	30 - 150 %
% TCMX (Confirmation)	71			%	10	08/23/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/23/24	CN	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/23/24	CN	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/23/24	CN	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	3.8	3.8	ug/Kg	2	08/23/24	CN	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	08/23/24	CN	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Chlordane	ND	38	38	ug/Kg	2	08/23/24	CN	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/23/24	CN	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	08/23/24	CN	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	08/23/24	CN	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	08/23/24	CN	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/23/24	CN	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	84			%	2	08/23/24	CN	30 - 150 %
% DCBP (Confirmation)	57			%	2	08/23/24	CN	30 - 150 %
% TCMX	67			%	2	08/23/24	CN	30 - 150 %
% TCMX (Confirmation)	76			%	2	08/23/24	CN	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	21	4.1	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	21	4.1	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	ND	21	4.1	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	8.3	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	4.1	1.7	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	21	4.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.3	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	8.3	4.1	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.3	2.1	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	4.1	4.1	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.3	2.1	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.1	0.83	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	4.1	0.41	ug/Kg	1	08/22/24	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	92			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	97			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	89	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	260	97	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	370	190	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260	150	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	260	150	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260	180	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	370	110	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	260	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	590	120	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	260	74	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	260	100	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Benzidine	ND	260	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	740	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	370	100	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	370	110	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	370	150	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	260	96	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	260	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	260	100	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	260	130	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	370	100	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	370	140	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	370	110	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	370	140	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	260	110	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	260	120	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	260	130	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	370	91	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	59			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	60			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	57			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	55			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	57			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	63			%	1	08/23/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

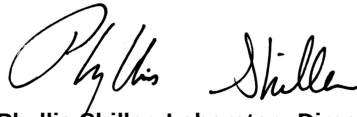
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/21/24 13:20
08/21/24 17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46095

Project ID: NEWTON
Client ID: SB-5/MW-5 6.5-8`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/22/24	C/U	SW3546
Soil Extraction for Pesticide	Completed					08/22/24	C/U	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A

QA/QC Surrogates

% DCBP	111			%	10	08/23/24	SC	30 - 150 %
% DCBP (Confirmation)	93			%	10	08/23/24	SC	30 - 150 %
% TCMX	83			%	10	08/23/24	SC	30 - 150 %
% TCMX (Confirmation)	81			%	10	08/23/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/23/24	CN	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/23/24	CN	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/23/24	CN	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Chlordane	ND	39	39	ug/Kg	2	08/23/24	CN	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/23/24	CN	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/23/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/23/24	CN	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	88			%	2	08/23/24	CN	30 - 150 %
% DCBP (Confirmation)	57			%	2	08/23/24	CN	30 - 150 %
% TCMX	80			%	2	08/23/24	CN	30 - 150 %
% TCMX (Confirmation)	87			%	2	08/23/24	CN	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	27	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	27	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	49	S 27	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	11	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.5	2.2	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	11	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.5	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	93			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	93	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	190	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	620	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	270	77	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzdine	ND	270	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	770	150	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	390	100	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	270	140	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	390	95	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	54			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	55			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	53			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	49			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	51			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	58			%	1	08/23/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

08/21/24
08/21/24

Time

13:25
17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46096

Project ID: NEWTON
Client ID: SB-5/MW-5 9-10`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/22/24	C/U	SW3546
Soil Extraction for Pesticide	Completed					08/22/24	C/U	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	08/23/24	SC	SW8082A

QA/QC Surrogates

% DCBP	110			%	10	08/23/24	SC	30 - 150 %
% DCBP (Confirmation)	90			%	10	08/23/24	SC	30 - 150 %
% TCMX	79			%	10	08/23/24	SC	30 - 150 %
% TCMX (Confirmation)	75			%	10	08/23/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/23/24	AW	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/23/24	AW	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/23/24	AW	SW8081B
a-BHC	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	4.0	4.0	ug/Kg	2	08/23/24	AW	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	08/23/24	AW	SW8081B
b-BHC	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Chlordane	ND	40	40	ug/Kg	2	08/23/24	AW	SW8081B
d-BHC	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan I	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan II	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Endosulfan sulfate	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Endrin	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Endrin aldehyde	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Endrin ketone	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/23/24	AW	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	08/23/24	AW	SW8081B
Heptachlor	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Heptachlor epoxide	ND	8.1	8.1	ug/Kg	2	08/23/24	AW	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	08/23/24	AW	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/23/24	AW	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	81			%	2	08/23/24	AW	30 - 150 %
% DCBP (Confirmation)	51			%	2	08/23/24	AW	30 - 150 %
% TCMX	71			%	2	08/23/24	AW	30 - 150 %
% TCMX (Confirmation)	80			%	2	08/23/24	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	26	5.2	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	27	S 26	5.2	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	10	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.2	2.1	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	5.2	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	10	5.2	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.2	5.2	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	08/22/24	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	92			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	98			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	96	ug/Kg	1	08/23/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/23/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	08/23/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/23/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitroaniline	ND	640	130	ug/Kg	1	08/23/24	MR	SW8270E
4-Nitrophenol	ND	280	80	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Aniline	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
Anthracene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Benzoic acid	ND	800	160	ug/Kg	1	08/23/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	08/23/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	110	ug/Kg	1	08/23/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	08/23/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/23/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/23/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
Naphthalene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	150	ug/Kg	1	08/23/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	08/23/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	08/23/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	08/23/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/23/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/23/24	MR	SW8270E
Pyridine	ND	400	98	ug/Kg	1	08/23/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	61			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorobiphenyl	60			%	1	08/23/24	MR	30 - 130 %
% 2-Fluorophenol	57			%	1	08/23/24	MR	30 - 130 %
% Nitrobenzene-d5	53			%	1	08/23/24	MR	30 - 130 %
% Phenol-d5	56			%	1	08/23/24	MR	30 - 130 %
% Terphenyl-d14	64			%	1	08/23/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/21/24 13:30
08/21/24 17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46097

Project ID: NEWTON
Client ID: SB-5/MW-5 14-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		08/21/24	CV	SW846-%Solid
Field Extraction	Completed					08/21/24		SW5035A
Soil Extraction for PCB	Completed					08/22/24	C/U	SW3546
Soil Extraction for Pesticide	Completed					08/22/24	C/U	SW3546
Soil Extraction for SVOA	Completed					08/22/24	C/U	SW3546

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	08/23/24	SC	SW8082A

QA/QC Surrogates

% DCBP	112			%	10	08/23/24	SC	30 - 150 %
% DCBP (Confirmation)	117			%	10	08/23/24	SC	30 - 150 %
% TCMX	97			%	10	08/23/24	SC	30 - 150 %
% TCMX (Confirmation)	97			%	10	08/23/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/23/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/23/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/23/24	CN	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
a-Chlordane	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Chlordane	ND	39	39	ug/Kg	2	08/23/24	CN	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/23/24	CN	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	08/23/24	CN	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	08/23/24	CN	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/23/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/23/24	CN	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	84			%	2	08/23/24	CN	30 - 150 %
% DCBP (Confirmation)	53			%	2	08/23/24	CN	30 - 150 %
% TCMX	73			%	2	08/23/24	CN	30 - 150 %
% TCMX (Confirmation)	82			%	2	08/23/24	CN	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	11	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.4	2.2	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	11	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.4	5.4	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	08/22/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	89			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	98			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	93	ug/Kg	1	08/22/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/22/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	190	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/22/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitrophenol	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/22/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/22/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloroaniline	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitroaniline	ND	620	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitrophenol	ND	270	78	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
Anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzidine	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzoic acid	ND	780	160	ug/Kg	1	08/22/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	390	100	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/22/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	08/22/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Nitrobenzene	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/22/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/22/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/22/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Pyridine	ND	390	95	ug/Kg	1	08/22/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	46			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorobiphenyl	50			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorophenol	49			%	1	08/22/24	MR	30 - 130 %
% Nitrobenzene-d5	44			%	1	08/22/24	MR	30 - 130 %
% Phenol-d5	48			%	1	08/22/24	MR	30 - 130 %
% Terphenyl-d14	53			%	1	08/22/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

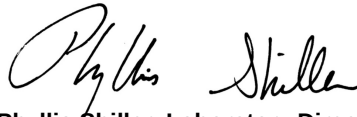
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/21/24
08/21/24 17:20

Laboratory Data

SDG ID: GCR46087
Phoenix ID: CR46098

Project ID: NEWTON
Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/21/24		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,2-Dichloropropane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
2-Hexanone	ND	1300	250	ug/Kg	50	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	08/22/24	JLI	SW8260D
Acetone	ND	5000	250	ug/Kg	50	08/22/24	JLI	SW8260D
Acrylonitrile	ND	500	25	ug/Kg	50	08/22/24	JLI	SW8260D
Benzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Bromobenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Bromochloromethane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Bromoform	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Bromomethane	ND	250	100	ug/Kg	50	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Chlorobenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Chloroethane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Chloroform	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Chloromethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Dibromomethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Ethylbenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
m&p-Xylene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	3000	250	ug/Kg	50	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Methylene chloride	ND	500	250	ug/Kg	50	08/22/24	JLI	SW8260D
Naphthalene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
o-Xylene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Styrene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	08/22/24	JLI	SW8260D
Toluene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Total Xylenes	ND	250	250	ug/Kg	50	08/22/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	08/22/24	JLI	SW8260D
Trichloroethene	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	250	50	ug/Kg	50	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
Vinyl chloride	ND	250	25	ug/Kg	50	08/22/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (50x)	98			%	50	08/22/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	97			%	50	08/22/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	87			%	50	08/22/24	JLI	70 - 130 %
% Toluene-d8 (50x)	97			%	50	08/22/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

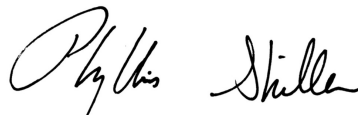
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

EQUIPMENT BLANK 2

TRIP BLANK LL

SB-4/MW-4 7-8'

CLIENT ID
SB-4/MW-4 14-15`

Client: LABELLA

SAS No.:

SDG No.: GCR46087

Lab Sample ID: CR46094

Lab File ID: 0821_36.D

Date Received: 08/21/24

Date Analyzed: 08/22/24

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

SB-5/MW-5 9-10`

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GCR46087

Matrix:(soil/water) SOIL

Lab Sample ID: CR46098

Sample wt/vol: 10 (g/mL) g

Lab File ID: 0821_30.D

Level: (low/med) Meth

Date Received: 08/21/24

% Moisture: not dec.	0
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Date Analyzed: 08/22/24

GC Column: RTX-VMS ID: 0.18 mm

Dilution Factor: 50

Purge Volume: 5000 (uL)

Soil Aliquot Vol (uL): 100

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 745787 (ug/Kg), QC Sample No: CR45947 (CR46088, CR46089, CR46090)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	87	93	6.7	79	82	3.7	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	88	99	11.8	72	78	8.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	119	%	96	103	7.0	73	83	12.8	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	123	%	97	102	5.0	73	80	9.2	30 - 150	30
% TCMX (Surrogate Rec)	110	%	87	82	5.9	82	86	4.8	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	108	%	87	82	5.9	82	88	7.1	30 - 150	30

QA/QC Batch 745985 (ug/Kg), QC Sample No: CR46095 (CR46092, CR46093, CR46094, CR46095, CR46096, CR46097)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	97	100	3.0	97	90	7.5	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	97	98	1.0	93	90	3.3	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	86	%	104	105	1.0	98	93	5.2	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	88	%	105	106	0.9	100	94	6.2	30 - 150	30
% TCMX (Surrogate Rec)	76	%	91	94	3.2	92	86	6.7	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	73	%	92	95	3.2	93	87	6.7	30 - 150	30

QA/QC Batch 745788 (ug/Kg), QC Sample No: CR45947 (CR46088, CR46089, CR46090)

Pesticides - Soil

4,4' -DDD	ND	1.7	70	79	12.1	95	91	4.3	40 - 140	30
4,4' -DDE	ND	1.7	71	78	9.4	96	90	6.5	40 - 140	30
4,4' -DDT	ND	1.7	74	84	12.7	101	91	10.4	40 - 140	30
a-BHC	ND	1.0	61	70	13.7	83	75	10.1	40 - 140	30
a-Chlordane	ND	3.3	68	76	11.1	91	85	6.8	40 - 140	30
Aldrin	ND	1.0	66	75	12.8	89	81	9.4	40 - 140	30
b-BHC	ND	1.0	69	76	9.7	91	84	8.0	40 - 140	30
Chlordane	ND	33	69	76	9.7	94	87	7.7	40 - 140	30
d-BHC	ND	3.3	72	73	1.4	88	82	7.1	40 - 140	30
Dieldrin	ND	1.0	72	80	10.5	99	91	8.4	40 - 140	30

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endosulfan I	ND	3.3	81	87	7.1	108	103	4.7	40 - 140	30
Endosulfan II	ND	3.3	72	79	9.3	96	88	8.7	40 - 140	30
Endosulfan sulfate	ND	3.3	67	75	11.3	93	86	7.8	40 - 140	30
Endrin	ND	3.3	65	73	11.6	87	81	7.1	40 - 140	30
Endrin aldehyde	ND	3.3	63	70	10.5	95	83	13.5	40 - 140	30
Endrin ketone	ND	3.3	76	84	10.0	101	94	7.2	40 - 140	30
g-BHC	ND	1.0	70	78	10.8	96	88	8.7	40 - 140	30
g-Chlordane	ND	3.3	69	76	9.7	94	87	7.7	40 - 140	30
Heptachlor	ND	3.3	71	79	10.7	94	87	7.7	40 - 140	30
Heptachlor epoxide	ND	3.3	67	74	9.9	90	83	8.1	40 - 140	30
Methoxychlor	ND	3.3	69	74	7.0	91	83	9.2	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	103	%	83	91	9.2	108	102	5.7	30 - 150	30
% DCBP (Confirmation)	76	%	59	65	9.7	78	78	0.0	30 - 150	30
% TCMX	81	%	61	69	12.3	81	75	7.7	30 - 150	30
% TCMX (Confirmation)	90	%	64	72	11.8	83	81	2.4	30 - 150	30

QA/QC Batch 745986 (ug/Kg), QC Sample No: CR46095 (CR46092, CR46093, CR46094, CR46095, CR46096, CR46097)

Pesticides - Soil

4,4' -DDD	ND	1.7	86	84	2.4	84	89	5.8	40 - 140	30
4,4' -DDE	ND	1.7	85	84	1.2	86	89	3.4	40 - 140	30
4,4' -DDT	ND	1.7	75	73	2.7	76	82	7.6	40 - 140	30
a-BHC	ND	1.0	86	85	1.2	83	85	2.4	40 - 140	30
a-Chlordane	ND	3.3	90	86	4.5	85	90	5.7	40 - 140	30
Aldrin	ND	1.0	85	85	0.0	82	86	4.8	40 - 140	30
b-BHC	ND	1.0	84	82	2.4	80	83	3.7	40 - 140	30
Chlordane	ND	33	87	87	0.0	85	88	3.5	40 - 140	30
d-BHC	ND	3.3	70	75	6.9	72	76	5.4	40 - 140	30
Dieldrin	ND	1.0	90	90	0.0	89	92	3.3	40 - 140	30
Endosulfan I	ND	3.3	90	92	2.2	91	90	1.1	40 - 140	30
Endosulfan II	ND	3.3	91	89	2.2	89	92	3.3	40 - 140	30
Endosulfan sulfate	ND	3.3	91	90	1.1	88	92	4.4	40 - 140	30
Endrin	ND	3.3	97	97	0.0	96	99	3.1	40 - 140	30
Endrin aldehyde	ND	3.3	80	78	2.5	76	78	2.6	40 - 140	30
Endrin ketone	ND	3.3	92	90	2.2	90	96	6.5	40 - 140	30
g-BHC	ND	1.0	83	82	1.2	80	84	4.9	40 - 140	30
g-Chlordane	ND	3.3	87	87	0.0	85	88	3.5	40 - 140	30
Heptachlor	ND	3.3	82	79	3.7	79	80	1.3	40 - 140	30
Heptachlor epoxide	ND	3.3	77	76	1.3	76	77	1.3	40 - 140	30
Methoxychlor	ND	3.3	68	66	3.0	66	79	17.9	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	90	%	92	86	6.7	83	90	8.1	30 - 150	30
% DCBP (Confirmation)	80	%	85	81	4.8	81	79	2.5	30 - 150	30
% TCMX	82	%	84	80	4.9	76	82	7.6	30 - 150	30
% TCMX (Confirmation)	93	%	96	91	5.3	84	88	4.7	30 - 150	30

QA/QC Batch 745998 (ug/kg), QC Sample No: CR46097 (CR46088, CR46089, CR46090, CR46092, CR46093, CR46094, CR46095, CR46096, CR46097)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	53	55	3.7	54	63	15.4	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	56	55	1.8	55	64	15.1	30 - 130	30
1,2-Dichlorobenzene	ND	180	48	47	2.1	48	56	15.4	30 - 130	30
1,2-Diphenylhydrazine	ND	230	49	52	5.9	50	57	13.1	30 - 130	30
1,3-Dichlorobenzene	ND	230	47	45	4.3	46	54	16.0	30 - 130	30

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,4-Dichlorobenzene	ND	230	48	46	4.3	47	55	15.7	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	230	30	30	0.0	31	36	14.9	30 - 130	30
2,4,5-Trichlorophenol	ND	230	59	63	6.6	60	69	14.0	30 - 130	30
2,4,6-Trichlorophenol	ND	130	60	62	3.3	61	71	15.2	30 - 130	30
2,4-Dichlorophenol	ND	130	59	63	6.6	60	69	14.0	30 - 130	30
2,4-Dimethylphenol	ND	230	64	68	6.1	66	76	14.1	30 - 130	30
2,4-Dinitrophenol	ND	230	53	42	23.2	38	52	31.1	30 - 130	30
2,4-Dinitrotoluene	ND	130	64	66	3.1	65	74	12.9	30 - 130	30
2,6-Dinitrotoluene	ND	130	64	67	4.6	64	75	15.8	30 - 130	30
2-Chloronaphthalene	ND	230	57	59	3.4	58	67	14.4	30 - 130	30
2-Chlorophenol	ND	230	54	56	3.6	55	65	16.7	30 - 130	30
2-Methylnaphthalene	ND	230	55	57	3.6	56	64	13.3	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	48	50	4.1	49	58	16.8	30 - 130	30
2-Nitroaniline	ND	330	79	80	1.3	79	91	14.1	30 - 130	30
2-Nitrophenol	ND	230	50	51	2.0	49	59	18.5	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	55	59	7.0	58	67	14.4	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	69	73	5.6	71	81	13.2	30 - 130	30
3-Nitroaniline	ND	330	69	72	4.3	71	80	11.9	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	60	57	5.1	55	70	24.0	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	64	66	3.1	65	72	10.2	30 - 130	30
4-Chloro-3-methylphenol	ND	230	61	65	6.3	62	71	13.5	30 - 130	30
4-Chloroaniline	ND	230	52	54	3.8	53	59	10.7	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	61	62	1.6	61	71	15.2	30 - 130	30
4-Nitroaniline	ND	230	52	54	3.8	53	60	12.4	30 - 130	30
4-Nitrophenol	ND	230	56	57	1.8	54	65	18.5	30 - 130	30
Acenaphthene	ND	230	55	57	3.6	56	64	13.3	30 - 130	30
Acenaphthylene	ND	130	49	51	4.0	50	56	11.3	30 - 130	30
Acetophenone	ND	230	48	49	2.1	49	57	15.1	30 - 130	30
Aniline	ND	330	45	48	6.5	46	54	16.0	30 - 130	30
Anthracene	ND	230	60	62	3.3	61	70	13.7	30 - 130	30
Benz(a)anthracene	ND	230	64	65	1.6	64	73	13.1	30 - 130	30
Benzidine	ND	330	78	75	3.9	71	94	27.9	30 - 130	30
Benzo(a)pyrene	ND	130	64	65	1.6	64	73	13.1	30 - 130	30
Benzo(b)fluoranthene	ND	160	61	62	1.6	61	70	13.7	30 - 130	30
Benzo(ghi)perylene	ND	230	66	67	1.5	65	73	11.6	30 - 130	30
Benzo(k)fluoranthene	ND	230	61	63	3.2	62	70	12.1	30 - 130	30
Benzoic Acid	ND	670	69	65	6.0	48	50	4.1	30 - 130	30
Benzyl butyl phthalate	ND	230	63	63	0.0	61	70	13.7	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	53	55	3.7	53	62	15.7	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	41	42	2.4	42	49	15.4	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	61	62	1.6	61	69	12.3	30 - 130	30
Carbazole	ND	230	60	62	3.3	60	70	15.4	30 - 130	30
Chrysene	ND	230	61	63	3.2	61	69	12.3	30 - 130	30
Dibenz(a,h)anthracene	ND	130	63	65	3.1	62	71	13.5	30 - 130	30
Dibenzofuran	ND	230	58	61	5.0	60	69	14.0	30 - 130	30
Diethyl phthalate	ND	230	62	64	3.2	62	71	13.5	30 - 130	30
Dimethylphthalate	ND	230	61	63	3.2	62	71	13.5	30 - 130	30
Di-n-butylphthalate	ND	670	64	65	1.6	63	73	14.7	30 - 130	30
Di-n-octylphthalate	ND	230	62	62	0.0	60	70	15.4	30 - 130	30
Fluoranthene	ND	230	61	64	4.8	62	72	14.9	30 - 130	30
Fluorene	ND	230	59	62	5.0	61	70	13.7	30 - 130	30
Hexachlorobenzene	ND	130	56	57	1.8	55	64	15.1	30 - 130	30
Hexachlorobutadiene	ND	230	57	55	3.6	57	66	14.6	30 - 130	30

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachlorocyclopentadiene	ND	230	33	26	23.7	25	27	7.7	30 - 130	30
Hexachloroethane	ND	130	45	43	4.5	45	51	12.5	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	60	62	3.3	59	68	14.2	30 - 130	30
Isophorone	ND	130	48	49	2.1	49	55	11.5	30 - 130	30
Naphthalene	ND	230	51	51	0.0	52	60	14.3	30 - 130	30
Nitrobenzene	ND	130	47	48	2.1	48	57	17.1	30 - 130	30
N-Nitrosodimethylamine	ND	230	43	43	0.0	42	50	17.4	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	47	49	4.2	48	56	15.4	30 - 130	30
N-Nitrosodiphenylamine	ND	130	61	61	0.0	61	70	13.7	30 - 130	30
Pentachloronitrobenzene	ND	230	55	57	3.6	56	63	11.8	30 - 130	30
Pentachlorophenol	ND	230	58	61	5.0	58	69	17.3	30 - 130	30
Phenanthrene	ND	130	59	61	3.3	59	68	14.2	30 - 130	30
Phenol	ND	230	56	60	6.9	58	68	15.9	30 - 130	30
Pyrene	ND	230	60	61	1.7	60	70	15.4	30 - 130	30
Pyridine	ND	230	36	36	0.0	35	40	13.3	30 - 130	30
% 2,4,6-Tribromophenol	52	%	49	50	2.0	49	58	16.8	30 - 130	30
% 2-Fluorobiphenyl	57	%	53	54	1.9	54	61	12.2	30 - 130	30
% 2-Fluorophenol	55	%	51	53	3.8	52	61	15.9	30 - 130	30
% Nitrobenzene-d5	48	%	45	47	4.3	46	55	17.8	30 - 130	30
% Phenol-d5	52	%	51	55	7.5	52	61	15.9	30 - 130	30
% Terphenyl-d14	59	%	58	58	0.0	58	68	15.9	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 746305 (ug/L), QC Sample No: CR45952 (CR46087)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	108	109	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	105	108	2.8				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	91	89	2.2				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	84	83	1.2				70 - 130	30
1,1-Dichloroethane	ND	1.0	91	91	0.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	90	91	1.1				70 - 130	30
1,1-Dichloropropene	ND	1.0	101	103	2.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	92	92	0.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	100	98	2.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	94	91	3.2				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	101	102	1.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	106	92	14.1				70 - 130	30
1,2-Dibromoethane	ND	1.0	92	89	3.3				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	100	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	115	114	0.9				70 - 130	30
1,2-Dichloropropane	ND	1.0	88	88	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	103	105	1.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	100	99	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	89	89	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	102	102	0.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	107	108	0.9				70 - 130	30
2-Chlorotoluene	ND	1.0	100	100	0.0				70 - 130	30
2-Hexanone	ND	5.0	89	87	2.3				70 - 130	30
2-Isopropyltoluene	ND	1.0	103	105	1.9				70 - 130	30
4-Chlorotoluene	ND	1.0	100	100	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	80	78	2.5				70 - 130	30

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acetone	ND	5.0	89	81	9.4				70 - 130	30
Acrylonitrile	ND	5.0	83	84	1.2				70 - 130	30
Benzene	ND	0.70	91	94	3.2				70 - 130	30
Bromobenzene	ND	1.0	103	103	0.0				70 - 130	30
Bromochloromethane	ND	1.0	96	95	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	105	107	1.9				70 - 130	30
Bromoform	ND	1.0	103	107	3.8				70 - 130	30
Bromomethane	ND	1.0	93	98	5.2				70 - 130	30
Carbon Disulfide	ND	1.0	87	89	2.3				70 - 130	30
Carbon tetrachloride	ND	1.0	112	112	0.0				70 - 130	30
Chlorobenzene	ND	1.0	100	101	1.0				70 - 130	30
Chloroethane	ND	1.0	92	93	1.1				70 - 130	30
Chloroform	ND	1.0	98	98	0.0				70 - 130	30
Chloromethane	ND	1.0	92	93	1.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	86	91	5.6				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	91	88	3.4				70 - 130	30
Dibromochloromethane	ND	0.50	97	98	1.0				70 - 130	30
Dibromomethane	ND	1.0	100	99	1.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	113	113	0.0				70 - 130	30
Ethylbenzene	ND	1.0	98	100	2.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	118	119	0.8				70 - 130	30
Isopropylbenzene	ND	1.0	99	101	2.0				70 - 130	30
m&p-Xylene	ND	1.0	99	102	3.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	79	73	7.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	93	90	3.3				70 - 130	30
Methylene chloride	ND	1.0	83	87	4.7				70 - 130	30
Naphthalene	ND	1.0	84	80	4.9				70 - 130	30
n-Butylbenzene	ND	1.0	102	102	0.0				70 - 130	30
n-Propylbenzene	ND	1.0	98	101	3.0				70 - 130	30
o-Xylene	ND	1.0	99	101	2.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	104	105	1.0				70 - 130	30
sec-Butylbenzene	ND	1.0	101	102	1.0				70 - 130	30
Styrene	ND	1.0	101	103	2.0				70 - 130	30
tert-Butylbenzene	ND	1.0	103	105	1.9				70 - 130	30
Tetrachloroethene	ND	1.0	98	100	2.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	79	73	7.9				70 - 130	30
Toluene	ND	1.0	83	85	2.4				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	88	91	3.4				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	94	93	1.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	91	93	2.2				70 - 130	30
Trichloroethene	ND	1.0	101	104	2.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	116	114	1.7				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	110	110	0.0				70 - 130	30
Vinyl chloride	ND	1.0	90	91	1.1				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	101	100	1.0				70 - 130	30
% Bromofluorobenzene	96	%	100	101	1.0				70 - 130	30
% Dibromofluoromethane	112	%	105	105	0.0				70 - 130	30
% Toluene-d8	85	%	90	90	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	%	%
		RL							Rec Limits	RPD Limits
QA/QC Batch 745966 (ug/kg), QC Sample No: CR46096 (CR46088, CR46089, CR46090, CR46091, CR46092, CR46093, CR46094, CR46095, CR46096, CR46097)										
<u>Volatiles - Soil (Low Level)</u>										
1,1,1,2-Tetrachloroethane	ND	5.0	115	114	0.9	107	110	2.8	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	103	103	0.0	100	101	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	103	102	1.0	94	95	1.1	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	103	103	0.0	96	100	4.1	70 - 130	30
1,1-Dichloroethane	ND	5.0	101	99	2.0	94	97	3.1	70 - 130	30
1,1-Dichloroethene	ND	5.0	102	97	5.0	99	101	2.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	107	106	0.9	104	109	4.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	104	101	2.9	93	97	4.2	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	103	102	1.0	93	94	1.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	103	99	4.0	92	98	6.3	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	106	103	2.9	98	104	5.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	114	120	5.1	98	100	2.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	107	107	0.0	100	100	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	103	101	2.0	94	98	4.2	70 - 130	30
1,2-Dichloroethane	ND	5.0	101	101	0.0	93	95	2.1	70 - 130	30
1,2-Dichloropropane	ND	5.0	103	104	1.0	99	101	2.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	107	103	3.8	100	105	4.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	102	101	1.0	95	100	5.1	70 - 130	30
1,3-Dichloropropane	ND	5.0	106	104	1.9	97	98	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	102	99	3.0	95	99	4.1	70 - 130	30
2,2-Dichloropropane	ND	5.0	102	103	1.0	95	96	1.0	70 - 130	30
2-Chlorotoluene	ND	5.0	104	102	1.9	98	102	4.0	70 - 130	30
2-Hexanone	ND	25	95	98	3.1	81	82	1.2	70 - 130	30
2-Isopropyltoluene	ND	5.0	110	107	2.8	102	108	5.7	70 - 130	30
4-Chlorotoluene	ND	5.0	105	101	3.9	96	102	6.1	70 - 130	30
4-Methyl-2-pentanone	ND	25	99	102	3.0	87	88	1.1	70 - 130	30
Acetone	ND	10	79	80	1.3	50	93	60.1	70 - 130	30
Acrylonitrile	ND	5.0	95	96	1.0	81	82	1.2	70 - 130	30
Benzene	ND	1.0	103	104	1.0	101	104	2.9	70 - 130	30
Bromobenzene	ND	5.0	104	102	1.9	98	100	2.0	70 - 130	30
Bromochloromethane	ND	5.0	99	99	0.0	94	95	1.1	70 - 130	30
Bromodichloromethane	ND	5.0	106	107	0.9	100	104	3.9	70 - 130	30
Bromoform	ND	5.0	114	115	0.9	101	106	4.8	70 - 130	30
Bromomethane	ND	5.0	107	98	8.8	106	105	0.9	70 - 130	30
Carbon Disulfide	ND	5.0	100	97	3.0	100	103	3.0	70 - 130	30
Carbon tetrachloride	ND	5.0	108	105	2.8	99	103	4.0	70 - 130	30
Chlorobenzene	ND	5.0	106	104	1.9	100	102	2.0	70 - 130	30
Chloroethane	ND	5.0	103	102	1.0	109	108	0.9	70 - 130	30
Chloroform	ND	5.0	99	97	2.0	94	97	3.1	70 - 130	30
Chloromethane	ND	5.0	107	105	1.9	117	118	0.9	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	100	104	3.9	95	98	3.1	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	106	108	1.9	99	103	4.0	70 - 130	30
Dibromochloromethane	ND	3.0	112	115	2.6	105	107	1.9	70 - 130	30
Dibromomethane	ND	5.0	99	101	2.0	95	96	1.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	98	95	3.1	134	137	2.2	70 - 130	30
Ethylbenzene	ND	1.0	107	104	2.8	102	106	3.8	70 - 130	30
Hexachlorobutadiene	ND	5.0	111	106	4.6	101	110	8.5	70 - 130	30
Isopropylbenzene	ND	1.0	109	106	2.8	103	105	1.9	70 - 130	30
m&p-Xylene	ND	2.0	106	102	3.8	101	104	2.9	70 - 130	30

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl ethyl ketone	ND	5.0	91	94	3.2	79	77	2.6	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	95	2.1	88	90	2.2	70 - 130	30
Methylene chloride	ND	5.0	88	87	1.1	90	90	0.0	70 - 130	30
Naphthalene	ND	5.0	106	106	0.0	92	94	2.2	70 - 130	30
n-Butylbenzene	ND	1.0	107	102	4.8	99	106	6.8	70 - 130	30
n-Propylbenzene	ND	1.0	107	104	2.8	100	105	4.9	70 - 130	30
o-Xylene	ND	2.0	107	105	1.9	101	105	3.9	70 - 130	30
p-Isopropyltoluene	ND	1.0	108	104	3.8	101	107	5.8	70 - 130	30
sec-Butylbenzene	ND	1.0	109	105	3.7	102	108	5.7	70 - 130	30
Styrene	ND	5.0	106	106	0.0	98	101	3.0	70 - 130	30
tert-Butylbenzene	ND	1.0	108	104	3.8	101	106	4.8	70 - 130	30
Tetrachloroethene	ND	5.0	105	105	0.0	102	108	5.7	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	92	94	2.2	79	80	1.3	70 - 130	30
Toluene	ND	1.0	104	104	0.0	101	104	2.9	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	101	98	3.0	97	100	3.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	108	114	5.4	99	103	4.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	118	125	5.8	95	97	2.1	70 - 130	30
Trichloroethene	ND	5.0	105	106	0.9	100	103	3.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	101	99	2.0	100	106	5.8	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	106	102	3.8	103	106	2.9	70 - 130	30
Vinyl chloride	ND	5.0	100	97	3.0	105	108	2.8	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	100	99	1.0	98	99	1.0	70 - 130	30
% Bromofluorobenzene	98	%	99	100	1.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	95	%	94	95	1.1	89	90	1.1	70 - 130	30
% Toluene-d8	98	%	98	100	2.0	98	99	1.0	70 - 130	30

QA/QC Batch 745966H (ug/kg), QC Sample No: CR46096 50X (CR46098 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	122	121	0.8	112	117	4.4	70 - 130	30
1,1,1-Trichloroethane	ND	250	111	106	4.6	103	104	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	250	116	110	5.3	114	111	2.7	70 - 130	30
1,1,2-Trichloroethane	ND	250	110	109	0.9	113	111	1.8	70 - 130	30
1,1-Dichloroethane	ND	250	107	102	4.8	106	103	2.9	70 - 130	30
1,1-Dichloroethene	ND	250	72	71	1.4	77	78	1.3	70 - 130	30
1,1-Dichloropropene	ND	250	118	113	4.3	118	116	1.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	124	116	6.7	117	119	1.7	70 - 130	30
1,2,3-Trichloropropane	ND	250	112	105	6.5	114	112	1.8	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	128	120	6.5	120	121	0.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	121	116	4.2	118	116	1.7	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	123	118	4.1	116	117	0.9	70 - 130	30
1,2-Dibromoethane	ND	250	118	114	3.4	112	114	1.8	70 - 130	30
1,2-Dichlorobenzene	ND	250	118	113	4.3	116	114	1.7	70 - 130	30
1,2-Dichloroethane	ND	250	109	105	3.7	110	108	1.8	70 - 130	30
1,2-Dichloropropane	ND	250	110	110	0.0	111	111	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	121	116	4.2	119	116	2.6	70 - 130	30
1,3-Dichlorobenzene	ND	250	120	115	4.3	117	116	0.9	70 - 130	30
1,3-Dichloropropane	ND	250	114	112	1.8	115	115	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	250	120	115	4.3	117	114	2.6	70 - 130	30
2,2-Dichloropropane	ND	250	111	111	0.0	91	98	7.4	70 - 130	30
2-Chlorotoluene	ND	250	119	114	4.3	116	114	1.7	70 - 130	30
2-Hexanone	ND	1300	102	97	5.0	101	100	1.0	70 - 130	30
2-Isopropyltoluene	ND	250	123	118	4.1	120	120	0.0	70 - 130	30
4-Chlorotoluene	ND	250	121	117	3.4	117	115	1.7	70 - 130	30

QA/QC Data

SDG I.D.: GCR46087

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Methyl-2-pentanone	ND	1300	106	102	3.8	107	104	2.8	70 - 130	30	
Acetone	ND	500	56	56	0.0	57	57	0.0	70 - 130	30	I,m
Acrylonitrile	ND	250	102	97	5.0	105	101	3.9	70 - 130	30	
Benzene	ND	250	113	110	2.7	114	112	1.8	70 - 130	30	
Bromobenzene	ND	250	118	114	3.4	116	115	0.9	70 - 130	30	
Bromochloromethane	ND	250	106	106	0.0	107	107	0.0	70 - 130	30	
Bromodichloromethane	ND	250	111	109	1.8	106	108	1.9	70 - 130	30	
Bromoform	ND	250	117	112	4.4	104	108	3.8	70 - 130	30	
Bromomethane	ND	250	73	76	4.0	81	73	10.4	70 - 130	30	
Carbon Disulfide	ND	250	74	71	4.1	80	81	1.2	70 - 130	30	
Carbon tetrachloride	ND	250	104	103	1.0	89	98	9.6	70 - 130	30	
Chlorobenzene	ND	250	118	114	3.4	115	115	0.0	70 - 130	30	
Chloroethane	ND	250	47	48	2.1	52	52	0.0	70 - 130	30	I,m
Chloroform	ND	250	105	105	0.0	104	105	1.0	70 - 130	30	
Chloromethane	ND	250	115	112	2.6	128	125	2.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	250	105	105	0.0	108	107	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	250	116	114	1.7	108	111	2.7	70 - 130	30	
Dibromochloromethane	ND	150	119	114	4.3	109	114	4.5	70 - 130	30	
Dibromomethane	ND	250	109	105	3.7	110	109	0.9	70 - 130	30	
Dichlorodifluoromethane	ND	250	114	110	3.6	149	143	4.1	70 - 130	30	m
Ethylbenzene	ND	250	119	115	3.4	117	116	0.9	70 - 130	30	
Hexachlorobutadiene	ND	250	137	128	6.8	130	128	1.6	70 - 130	30	I
Isopropylbenzene	ND	250	121	117	3.4	119	116	2.6	70 - 130	30	
m&p-Xylene	ND	250	119	114	4.3	116	115	0.9	70 - 130	30	
Methyl ethyl ketone	ND	250	98	96	2.1	96	98	2.1	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	101	98	3.0	100	101	1.0	70 - 130	30	
Methylene chloride	ND	250	84	82	2.4	87	87	0.0	70 - 130	30	
Naphthalene	ND	250	120	112	6.9	116	115	0.9	70 - 130	30	
n-Butylbenzene	ND	250	128	122	4.8	123	121	1.6	70 - 130	30	
n-Propylbenzene	ND	250	122	116	5.0	119	116	2.6	70 - 130	30	
o-Xylene	ND	250	119	114	4.3	116	116	0.0	70 - 130	30	
p-Isopropyltoluene	ND	250	125	119	4.9	121	120	0.8	70 - 130	30	
sec-Butylbenzene	ND	250	123	118	4.1	120	119	0.8	70 - 130	30	
Styrene	ND	250	118	118	0.0	116	116	0.0	70 - 130	30	
tert-Butylbenzene	ND	250	120	116	3.4	117	116	0.9	70 - 130	30	
Tetrachloroethene	ND	250	118	114	3.4	116	115	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	250	109	101	7.6	107	105	1.9	70 - 130	30	
Toluene	ND	250	113	111	1.8	114	113	0.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	250	100	99	1.0	101	103	2.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	250	120	117	2.5	109	113	3.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250	136	130	4.5	113	116	2.6	70 - 130	30	I
Trichloroethene	ND	250	114	110	3.6	112	112	0.0	70 - 130	30	
Trichlorofluoromethane	ND	250	45	48	6.5	55	60	8.7	70 - 130	30	I,m
Trichlorotrifluoroethane	ND	250	82	80	2.5	85	86	1.2	70 - 130	30	
Vinyl chloride	ND	250	108	103	4.7	115	114	0.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	100	99	1.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	98	%	101	99	2.0	99	100	1.0	70 - 130	30	
% Dibromofluoromethane	88	%	93	91	2.2	90	90	0.0	70 - 130	30	
% Toluene-d8	97	%	97	98	1.0	99	98	1.0	70 - 130	30	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

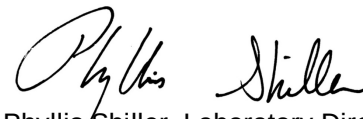
QA/QC Data

SDG I.D.: GCR46087

Parameter	Blk		LCS	LCSD	LCS	MS	MSD	MS	% Rec	% RPD
	Blank	RL								
			%	%	RPD	%	%	RPD	Limits	Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


Phyllis Shiller, Laboratory Director
May 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR46087 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

May 07, 2025

SDG I.D.: GCR46087

The samples in this delivery group were received at 1.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina.Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Coolant: Yes ☒ No ☐
IPK ☒ ICE ☐
Temp: 18 C Pg of

Contact Options:

Phone: 518 365 3333
Fax:
Email:

Customer: LABELLA Project: NEWTON
Address: 5 MCCREA Hill Rd Report to: TROLENDE LABELLA.COM
Ballston Spa, NY Invoice to:
QUOTE #: QNA1A050724RM

This section MUST be completed with Bottle Quantities.

Client Sample Information - Identification		Analysis Request	
Sampler's Signature	Date	Analysis Request	
<u>[Signature]</u>	<u>8/2/24</u>		
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe B=Bulk L=Liquid			
PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Time Sampled
46087	Equipment Blank 2	bw	8:21:24 8:00
46088	SB-3/MW-3 4'-11"	S	8:21:24 9:00
46089	SB-3/MW-3 14'-15"	S	8:21:24 9:05
46090	SB-3/MW-3 18'-20"	S	8:21:24 9:10
46091	LL TRIP BLANKS	S	8:21:24 11:40
46092	SB-4/MW-4 7'-8'	S	8:21:24 11:45
46093	SB-4/MW-4 10'-11.5'	S	8:21:24 11:50
46094	SB-4/MW-4 14'-15'	S	8:21:24 13:20
46095	SB-5/MW-5 6'-8'	S	8:21:24 13:25
46096	SB-5/MW-5 9'-10'	S	8:21:24 13:30
46097	SB-5/MW-5 14'-15'	S	8:21:24 13:30
Relinquished by: <u>[Signature]</u> Accepted by: <u>[Signature]</u> Date: <u>8/2/24</u> Time: <u>17:30</u>			
Comments: Special Requirements or Regulations: <u>46098 TB HL</u>			

PA	NY	NJ	Timearound:	Time:	Date:
☐ Clean Fill Limits	☐ TOGS GW	☐ Res. Criteria	☐ 1 Day*	<u>17:30</u>	<u>8/2/24</u>
☐ PA-GW	☐ CP-51 SOIL	☐ Non-Res. Criteria	☐ 2 Days*	<u>17:30</u>	<u>8/2/24</u>
☐ Reg Fill Limits	☐ 375SCO	☐ Impact to GW Soil Cleanup Criteria	☐ 3 Days*	<u>17:30</u>	<u>8/2/24</u>
☐ PA Soil Restricted	☐ Unrestricted Soil	☐ Impact to GW soil screen Criteria	☐ 4 Days*	<u>17:30</u>	<u>8/2/24</u>
☐ PA Soil non-restricted	☐ 375SCO	☐ GW Criteria	☐ 5 Days*	<u>17:30</u>	<u>8/2/24</u>
	☐ Residential Soil		☒ Standard		
	☐ Restricted Soil		☐ SURCHARGE APPLIES		
	☐ 375SCO				
	☐ Commercial Soil				
	☐ 375SCO				
	☐ Industrial Soil				
	☐ Subpart 5 DW				
State Samples Collected? ☐		Data Package: ☐ NJ Reduced Deliv. * ☐ Other ☐ NY Enhanced (ASP B) *			

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Friday, September 13, 2024 1:48 PM
To: Rebecca Merz
Cc: Sarah Bell
Subject: Re: [Ext] Newtown Project - Add Category B Deliverable

Yes. Every report under this Newton PO should get CatB deliverables. I believe this is five reports but can't confirm at this moment.

Sent from my iPhone

On Sep 13, 2024, at 1:45 PM, Rebecca Merz <rebeccam@phoenixlabs.com> wrote:

Hi Todd,

Got your message and want to confirm the list of SDGs you would like us to add a Category B Data Package to. Our records show five SDGs.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041

Please confirm this list is complete and we will get the data packages ordered for you.

Thank you,

Rebecca Merz

New England Sales Manager
Phoenix Environmental Laboratories, Inc.
860-212-9457 (mobile)
rebeccam@phoenixlabs.com
<https://www.phoenixlabs.com/>

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Wednesday, May 07, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCR47003
Sample ID#s: CR47003 - CR47011

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCR47003



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR47003

Labella Associates DPC NEWTON

Methodology Summary

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR47003

Labella Associates DPC NEWTON

Laboratory Chronicle

The samples in this delivery group were received at 1.9°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR47003	Volatiles	08/22/24	08/25/24	08/25/24	MH	Y
CR47004	Arsenic	08/22/24	08/22/24	08/23/24	CPP	Y
CR47004	Barium	08/22/24	08/22/24	08/23/24	TH	Y
CR47004	Cadmium	08/22/24	08/22/24	08/23/24	CPP	Y
CR47004	Chromium	08/22/24	08/22/24	08/23/24	CPP	Y
CR47004	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47004	Lead	08/22/24	08/22/24	08/23/24	TH	Y
CR47004	Mercury	08/22/24	08/23/24	08/23/24	AL1	Y
CR47004	Percent Solid	08/22/24	08/22/24	08/22/24	CV	Y
CR47004	Pesticides - Soil	08/22/24	08/27/24	08/28/24	AW	Y
CR47004	Polychlorinated Biphenyls	08/22/24	08/27/24	08/28/24	SC	Y
CR47004	Selenium	08/22/24	08/22/24	08/23/24	CPP	Y
CR47004	Semivolatiles	08/22/24	08/26/24	08/27/24	MR	Y
CR47004	Silver	08/22/24	08/22/24	08/23/24	CPP	Y
CR47004	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y
CR47005	Arsenic	08/22/24	08/23/24	08/26/24	TH	Y
CR47005	Barium	08/22/24	08/23/24	08/26/24	TH	Y
CR47005	Cadmium	08/22/24	08/23/24	08/26/24	TH	Y
CR47005	Chromium	08/22/24	08/23/24	08/26/24	TH	Y
CR47005	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47005	Lead	08/22/24	08/23/24	08/26/24	TH	Y
CR47005	Mercury	08/22/24	08/23/24	08/23/24	ZT	Y
CR47005	Percent Solid	08/22/24	08/22/24	08/22/24	CV	Y
CR47005	Pesticides - Soil	08/22/24	08/27/24	08/28/24	CN	Y
CR47005	Polychlorinated Biphenyls	08/22/24	08/27/24	08/28/24	SC	Y
CR47005	Selenium	08/22/24	08/23/24	08/26/24	TH	Y
CR47005	Semivolatiles	08/22/24	08/26/24	08/27/24	MR	Y
CR47005	Silver	08/22/24	08/23/24	08/26/24	TH	Y
CR47005	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y
CR47006	Arsenic	08/22/24	08/23/24	08/26/24	TH	Y
CR47006	Barium	08/22/24	08/23/24	08/26/24	TH	Y
CR47006	Cadmium	08/22/24	08/23/24	08/26/24	TH	Y



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May 07, 2025

SDG I.D.: GCR47003

Labella Associates DPC NEWTON

CR47006	Chromium	08/22/24	08/23/24	08/26/24	TH	Y
CR47006	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47006	Lead	08/22/24	08/23/24	08/26/24	TH	Y
CR47006	Mercury	08/22/24	08/23/24	08/23/24	ZT	Y
CR47006	Percent Solid	08/22/24	08/22/24	08/22/24	CV	Y
CR47006	Pesticides - Soil	08/22/24	08/27/24	08/28/24	CN	Y
CR47006	Polychlorinated Biphenyls	08/22/24	08/27/24	08/28/24	SC	Y
CR47006	Selenium	08/22/24	08/23/24	08/26/24	TH	Y
CR47006	Semivolatiles	08/22/24	08/26/24	08/27/24	MR	Y
CR47006	Silver	08/22/24	08/23/24	08/26/24	TH	Y
CR47006	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y
CR47007	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47007	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y
CR47008	Arsenic	08/22/24	08/23/24	08/26/24	TH	Y
CR47008	Barium	08/22/24	08/23/24	08/26/24	TH	Y
CR47008	Cadmium	08/22/24	08/23/24	08/26/24	TH	Y
CR47008	Chromium	08/22/24	08/23/24	08/26/24	TH	Y
CR47008	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47008	Lead	08/22/24	08/23/24	08/26/24	TH	Y
CR47008	Mercury	08/22/24	08/23/24	08/23/24	AL1	Y
CR47008	Percent Solid	08/22/24	08/22/24	08/22/24	CV	Y
CR47008	Pesticides - Soil	08/22/24	08/28/24	08/29/24	CN	Y
CR47008	Polychlorinated Biphenyls	08/22/24	08/28/24	08/29/24	SC	Y
CR47008	Selenium	08/22/24	08/23/24	08/26/24	TH	Y
CR47008	Semivolatiles	08/22/24	08/26/24	08/27/24	MR	Y
CR47008	Silver	08/22/24	08/23/24	08/26/24	TH	Y
CR47008	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y
CR47009	Arsenic	08/22/24	08/23/24	08/26/24	TH	Y
CR47009	Barium	08/22/24	08/23/24	08/26/24	TH	Y
CR47009	Cadmium	08/22/24	08/23/24	08/26/24	TH	Y
CR47009	Chromium	08/22/24	08/23/24	08/26/24	TH	Y
CR47009	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47009	Lead	08/22/24	08/23/24	08/26/24	TH	Y
CR47009	Mercury	08/22/24		08/23/24	AL1	Y
CR47009	Percent Solid	08/22/24	08/22/24	08/22/24	CV	Y
CR47009	Pesticides - Soil	08/22/24	08/28/24	08/29/24	CN	Y
CR47009	Polychlorinated Biphenyls	08/22/24	08/28/24	08/29/24	SC	Y



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CR47009	Selenium	08/22/24	08/23/24	08/26/24	TH	Y
CR47009	Semivolatiles	08/22/24	08/26/24	08/27/24	MR	Y
CR47009	Silver	08/22/24	08/23/24	08/26/24	TH	Y
CR47009	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y
CR47010	Arsenic	08/22/24	08/23/24	08/26/24	TH	Y
CR47010	Barium	08/22/24	08/23/24	08/26/24	TH	Y
CR47010	Cadmium	08/22/24	08/23/24	08/26/24	TH	Y
CR47010	Chromium	08/22/24	08/23/24	08/26/24	TH	Y
CR47010	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47010	Lead	08/22/24	08/23/24	08/26/24	TH	Y
CR47010	Mercury	08/22/24	08/23/24	08/23/24	ZT	Y
CR47010	Percent Solid	08/22/24	08/22/24	08/22/24	CV	Y
CR47010	Pesticides - Soil	08/22/24	08/28/24	08/29/24	CN	Y
CR47010	Polychlorinated Biphenyls	08/22/24	08/28/24	08/29/24	SC	Y
CR47010	Selenium	08/22/24	08/23/24	08/26/24	TH	Y
CR47010	Semivolatiles	08/22/24	08/26/24	08/27/24	MR	Y
CR47010	Silver	08/22/24	08/23/24	08/26/24	TH	Y
CR47010	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y
CR47011	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR47011	Volatiles	08/22/24	08/23/24	08/23/24	JLI	Y



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SDG Comments

May 07, 2025

SDG I.D.: GCR47003

Ver.3:

This report has been revised to include added analysis per client request.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

May 07, 2025

SDG I.D.: GCR47003

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
EQUIPMENT BLANK	CR47003	GROUND WATER	08/22/24 8:00
SB-6 / MW-6 6-7.5`	CR47004	SOIL	08/22/24 8:50
SB-6 / MW-6 10-11`	CR47005	SOIL	08/22/24 8:55
SB-6 / MW-6 14.5-15`	CR47006	SOIL	08/22/24 9:00
LL TRIP BLANKS	CR47007	SOIL	08/22/24 0:00
SB-7 / MW-7 7-8`	CR47008	SOIL	08/22/24 11:15
SB-7 / MW-7 11-12`	CR47009	SOIL	08/22/24 11:20
SB-7 / MW-7 14.5-15`	CR47010	SOIL	08/22/24 11:25
HL TRIP BLANKS	CR47011	SOIL	08/22/24 0:00



Environmental Laboratories, Inc.
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Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date

08/22/24
08/22/24

Time

8:00
17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47003

Project ID: NEWTON
Client ID: EQUIPMENT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	08/25/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/25/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	08/25/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	08/25/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	08/25/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	08/25/24	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	08/25/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	08/25/24	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/25/24	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	08/25/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	08/25/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	08/25/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	08/25/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	08/25/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	08/25/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	08/25/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/25/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	08/25/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	08/25/24	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	08/25/24	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	08/25/24	MH	70 - 130 %
% Dibromofluoromethane	101			%	1	08/25/24	MH	70 - 130 %

1

Project ID: NEWTON

Phoenix I.D.: CR47003

Client ID: EQUIPMENT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	106			%	1	08/25/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date

08/22/24
08/22/24

Time

8:50
17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47004

Project ID: NEWTON
Client ID: SB-6 / MW-6 6-7.5`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	08/23/24	CPP	SW6010D
Arsenic	1.89	0.77	0.77	mg/Kg	1	08/23/24	CPP	SW6010D
Barium	15.8 N, *	0.38	0.38	mg/Kg	1	08/23/24	TH	SW6010D
Cadmium	ND	0.38	0.38	mg/Kg	1	08/23/24	CPP	SW6010D
Chromium	5.63 *	0.38	0.38	mg/Kg	1	08/23/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/23/24	AL1	SW7471B
Lead	3.72 N, *	0.38	0.38	mg/Kg	1	08/23/24	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/23/24	CPP	SW6010D
Percent Solid	86			%		08/22/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/23/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/27/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/27/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/26/24	GW/GW	SW3546
Total Metals Digest	Completed					08/22/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1221	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1232	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1242	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1248	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1254	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1260	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1262	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1268	ND	380	380	ug/Kg	10	08/28/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	112			%	10	08/28/24	SC	30 - 150 %
% DCBP (Confirmation)	121			%	10	08/28/24	SC	30 - 150 %
% TCMX	99			%	10	08/28/24	SC	30 - 150 %
% TCMX (Confirmation)	99			%	10	08/28/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/28/24	AW	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/28/24	AW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/28/24	AW	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	08/28/24	AW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	08/28/24	AW	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	08/28/24	AW	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	08/28/24	AW	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/28/24	AW	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	08/28/24	AW	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	08/28/24	AW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	08/28/24	AW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/28/24	AW	SW8081B

QA/QC Surrogates

% DCBP	99			%	2	08/28/24	AW	30 - 150 %
% DCBP (Confirmation)	90			%	2	08/28/24	AW	30 - 150 %
% TCMX	90			%	2	08/28/24	AW	30 - 150 %
% TCMX (Confirmation)	95			%	2	08/28/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
2-Hexanone	ND	28	5.6	ug/Kg	1	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
4-Chlorotoluene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	5.6	ug/Kg	1	08/23/24	JLI	SW8260D
Acetone	ND	28	5.6	ug/Kg	1	08/23/24	JLI	SW8260D
Acrylonitrile	ND	11	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Benzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Bromobenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Bromochloromethane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Bromoform	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Bromomethane	ND	5.6	2.3	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Chlorobenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroethane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroform	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Chloromethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromomethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Ethylbenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
m&p-Xylene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	5.6	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Methylene chloride	ND	11	5.6	ug/Kg	1	08/23/24	JLI	SW8260D
Naphthalene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
o-Xylene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Styrene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	08/23/24	JLI	SW8260D
Toluene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Total Xylenes	ND	5.6	5.6	ug/Kg	1	08/23/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	08/23/24	JLI	SW8260D
Trichloroethene	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	08/23/24	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	08/23/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/23/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	91	ug/Kg	1	08/27/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	98	ug/Kg	1	08/27/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrophenol	ND	380	190	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/27/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylnaphthalene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitroaniline	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitrophenol	ND	270	150	ug/Kg	1	08/27/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/27/24	MR	SW8270E
3-Nitroaniline	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloroaniline	ND	270	150	ug/Kg	1	08/27/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitroaniline	ND	610	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitrophenol	ND	270	76	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Aniline	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzidine	ND	270	150	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(a)pyrene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzoic acid	ND	760	150	ug/Kg	1	08/27/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	380	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
Carbazole	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-butylphthalate	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-octylphthalate	ND	270	98	ug/Kg	1	08/27/24	MR	SW8270E
Fluoranthene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Fluorene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachloroethane	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
Nitrobenzene	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodimethylamine	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
Pentachloronitrobenzene	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
Pentachlorophenol	ND	380	140	ug/Kg	1	08/27/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/27/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/27/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/27/24	MR	SW8270E
Pyridine	ND	380	93	ug/Kg	1	08/27/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	80			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorophenol	72			%	1	08/27/24	MR	30 - 130 %
% Nitrobenzene-d5	74			%	1	08/27/24	MR	30 - 130 %
% Phenol-d5	70			%	1	08/27/24	MR	30 - 130 %
% Terphenyl-d14	76			%	1	08/27/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

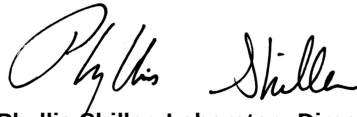
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date

08/22/24
08/22/24

Time

8:55
17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47005

Project ID: NEWTON
Client ID: SB-6 / MW-6 10-11`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	08/26/24	TH	SW6010D
Arsenic	1.65	0.83	0.83	mg/Kg	1	08/26/24	TH	SW6010D
Barium	13.0	0.41	0.41	mg/Kg	1	08/26/24	TH	SW6010D
Cadmium	ND	0.41	0.41	mg/Kg	1	08/26/24	TH	SW6010D
Chromium	5.97	0.41	0.41	mg/Kg	1	08/26/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/23/24	ZT	SW7471B
Lead	2.51	* 0.41	0.41	mg/Kg	1	08/26/24	TH	SW6010D
Selenium	ND	1.7	1.4	mg/Kg	1	08/26/24	TH	SW6010D
Percent Solid	83			%		08/22/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/23/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/27/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/27/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/26/24	GW/GW	SW3546
Total Metals Digest	Completed					08/23/24		SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	114			%	10	08/28/24	SC	30 - 150 %
% DCBP (Confirmation)	111			%	10	08/28/24	SC	30 - 150 %
% TCMX	107			%	10	08/28/24	SC	30 - 150 %
% TCMX (Confirmation)	107			%	10	08/28/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/28/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/28/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/28/24	CN	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Chlordane	ND	40	40	ug/Kg	2	08/28/24	CN	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/28/24	CN	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	08/28/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/28/24	CN	SW8081B

QA/QC Surrogates

% DCBP	102			%	2	08/28/24	CN	30 - 150 %
% DCBP (Confirmation)	89			%	2	08/28/24	CN	30 - 150 %
% TCMX	88			%	2	08/28/24	CN	30 - 150 %
% TCMX (Confirmation)	95			%	2	08/28/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
2-Hexanone	ND	28	5.5	ug/Kg	1	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
4-Chlorotoluene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	5.5	ug/Kg	1	08/23/24	JLI	SW8260D
Acetone	ND	28	5.5	ug/Kg	1	08/23/24	JLI	SW8260D
Acrylonitrile	ND	11	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Benzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Bromobenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Bromochloromethane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Bromoform	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Bromomethane	ND	5.5	2.2	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Chlorobenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroethane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroform	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Chloromethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromomethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Ethylbenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
m&p-Xylene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	5.5	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Methylene chloride	ND	11	5.5	ug/Kg	1	08/23/24	JLI	SW8260D
Naphthalene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
o-Xylene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Styrene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	08/23/24	JLI	SW8260D
Toluene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Total Xylenes	ND	5.5	5.5	ug/Kg	1	08/23/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	08/23/24	JLI	SW8260D
Trichloroethene	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	1.1	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
Vinyl chloride	ND	5.5	0.55	ug/Kg	1	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	08/23/24	JLI	70 - 130 %
% Bromofluorobenzene	102			%	1	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane	92			%	1	08/23/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/23/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	95	ug/Kg	1	08/27/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/27/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitroaniline	ND	630	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitrophenol	ND	280	79	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Aniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzoic acid	ND	790	160	ug/Kg	1	08/27/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Naphthalene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	150	ug/Kg	1	08/27/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	08/27/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	08/27/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Pyridine	ND	400	97	ug/Kg	1	08/27/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorophenol	71			%	1	08/27/24	MR	30 - 130 %
% Nitrobenzene-d5	72			%	1	08/27/24	MR	30 - 130 %
% Phenol-d5	69			%	1	08/27/24	MR	30 - 130 %
% Terphenyl-d14	76			%	1	08/27/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

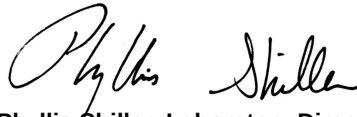
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date Time

08/22/24 9:00
08/22/24 17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47006

Project ID: NEWTON
Client ID: SB-6 / MW-6 14.5-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Arsenic	1.18	0.77	0.77	mg/Kg	1	08/26/24	TH	SW6010D
Barium	13.1	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Cadmium	ND	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Chromium	5.15	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/23/24	ZT	SW7471B
Lead	2.51	* 0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/26/24	TH	SW6010D
Percent Solid	82			%		08/22/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/23/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/27/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/27/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/26/24	GW/GW	SW3546
Total Metals Digest	Completed					08/23/24		SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	08/28/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	110			%	10	08/28/24	SC	30 - 150 %
% DCBP (Confirmation)	112			%	10	08/28/24	SC	30 - 150 %
% TCMX	97			%	10	08/28/24	SC	30 - 150 %
% TCMX (Confirmation)	96			%	10	08/28/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/28/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/28/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/28/24	CN	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Chlordane	ND	40	40	ug/Kg	2	08/28/24	CN	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/28/24	CN	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	08/28/24	CN	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	08/28/24	CN	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	08/28/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/28/24	CN	SW8081B

QA/QC Surrogates

% DCBP	93			%	2	08/28/24	CN	30 - 150 %
% DCBP (Confirmation)	80			%	2	08/28/24	CN	30 - 150 %
% TCMX	81			%	2	08/28/24	CN	30 - 150 %
% TCMX (Confirmation)	87			%	2	08/28/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
2-Hexanone	ND	24	4.8	ug/Kg	1	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
4-Chlorotoluene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	08/23/24	JLI	SW8260D
Acetone	ND	24	4.8	ug/Kg	1	08/23/24	JLI	SW8260D
Acrylonitrile	ND	9.6	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Benzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Bromobenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Bromoform	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Bromomethane	ND	4.8	1.9	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroethane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroform	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Chloromethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromomethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Ethylbenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
m&p-Xylene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	4.8	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.6	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Methylene chloride	ND	9.6	4.8	ug/Kg	1	08/23/24	JLI	SW8260D
Naphthalene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
o-Xylene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Styrene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.6	2.4	ug/Kg	1	08/23/24	JLI	SW8260D
Toluene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Total Xylenes	ND	4.8	4.8	ug/Kg	1	08/23/24	JLI	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.6	2.4	ug/Kg	1	08/23/24	JLI	SW8260D
Trichloroethene	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.8	0.96	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	08/23/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	08/23/24	JLI	70 - 130 %
% Toluene-d8	100			%	1	08/23/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	95	ug/Kg	1	08/27/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/27/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitroaniline	ND	630	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitrophenol	ND	280	79	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Aniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzoic acid	ND	790	160	ug/Kg	1	08/27/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Naphthalene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	150	ug/Kg	1	08/27/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	08/27/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	08/27/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Pyridine	ND	400	97	ug/Kg	1	08/27/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	78			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorophenol	67			%	1	08/27/24	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	08/27/24	MR	30 - 130 %
% Phenol-d5	66			%	1	08/27/24	MR	30 - 130 %
% Terphenyl-d14	80			%	1	08/27/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

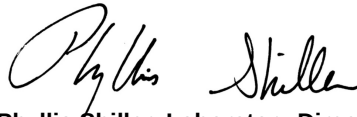
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date

08/22/24

Time

17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47007

Project ID: NEWTON
Client ID: LL TRIP BLANKS

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/22/24		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
2-Hexanone	ND	25	5.0	ug/Kg	1	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/23/24	JLI	SW8260D
Acetone	ND	25	5.0	ug/Kg	1	08/23/24	JLI	SW8260D
Acrylonitrile	ND	10	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Benzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Bromoform	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroform	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.0	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Methylene chloride	ND	10	5.0	ug/Kg	1	08/23/24	JLI	SW8260D
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Styrene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/23/24	JLI	SW8260D
Toluene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Total Xylenes	ND	5.0	5.0	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/23/24	JLI	SW8260D
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	08/23/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99			%	1	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	08/23/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/23/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

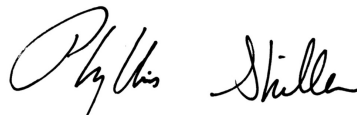
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date Time

08/22/24 11:15
08/22/24 17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47008

Project ID: NEWTON
Client ID: SB-7 / MW-7 7-8`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	08/26/24	TH	SW6010D
Arsenic	1.91	0.73	0.73	mg/Kg	1	08/26/24	TH	SW6010D
Barium	15.3	0.36	0.36	mg/Kg	1	08/26/24	TH	SW6010D
Cadmium	ND	0.36	0.36	mg/Kg	1	08/26/24	TH	SW6010D
Chromium	5.83	0.36	0.36	mg/Kg	1	08/26/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/23/24	AL1	SW7471B
Lead	13.9	* 0.36	0.36	mg/Kg	1	08/26/24	TH	SW6010D
Selenium	ND	1.5	1.2	mg/Kg	1	08/26/24	TH	SW6010D
Percent Solid	88			%		08/22/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/23/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/28/24	H/A	SW3546
Soil Extraction for Pesticide	Completed					08/28/24	H/A	SW3546
Soil Extraction for SVOA	Completed					08/26/24	GW/GW	SW3546
Total Metals Digest	Completed					08/23/24		SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1221	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1232	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1242	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1248	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1254	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1260	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1262	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1268	ND	380	380	ug/Kg	10	08/29/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	106			%	10	08/29/24	SC	30 - 150 %
% DCBP (Confirmation)	105			%	10	08/29/24	SC	30 - 150 %
% TCMX	91			%	10	08/29/24	SC	30 - 150 %
% TCMX (Confirmation)	87			%	10	08/29/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/29/24	CN	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/29/24	CN	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/29/24	CN	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	08/29/24	CN	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	08/29/24	CN	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Chlordane	ND	38	38	ug/Kg	2	08/29/24	CN	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/29/24	CN	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	08/29/24	CN	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	08/29/24	CN	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	08/29/24	CN	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/29/24	CN	SW8081B

QA/QC Surrogates

% DCBP	84			%	2	08/29/24	CN	30 - 150 %
% DCBP (Confirmation)	71			%	2	08/29/24	CN	30 - 150 %
% TCMX	76			%	2	08/29/24	CN	30 - 150 %
% TCMX (Confirmation)	82			%	2	08/29/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
2-Hexanone	ND	26	5.2	ug/Kg	1	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
4-Chlorotoluene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	5.2	ug/Kg	1	08/23/24	JLI	SW8260D
Acetone	ND	26	5.2	ug/Kg	1	08/23/24	JLI	SW8260D
Acrylonitrile	ND	10	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Benzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Bromobenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Bromochloromethane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Bromoform	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Bromomethane	ND	5.2	2.1	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Chlorobenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroethane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroform	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Chloromethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromomethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Ethylbenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
m&p-Xylene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	5.2	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Methylene chloride	ND	10	5.2	ug/Kg	1	08/23/24	JLI	SW8260D
Naphthalene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
o-Xylene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Styrene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	08/23/24	JLI	SW8260D
Toluene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Total Xylenes	ND	5.2	5.2	ug/Kg	1	08/23/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	08/23/24	JLI	SW8260D
Trichloroethene	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/23/24	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	08/23/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/23/24	JLI	70 - 130 %

Volatile Library Search

Completed

05/07/25

JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	91	ug/Kg	1	08/27/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	260	98	ug/Kg	1	08/27/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dimethylphenol	ND	260	94	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrophenol	ND	380	190	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
2-Chloronaphthalene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Chlorophenol	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylnaphthalene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitroaniline	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitrophenol	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260	180	ug/Kg	1	08/27/24	MR	SW8270E
3-Nitroaniline	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloroaniline	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitroaniline	ND	610	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitrophenol	ND	260	76	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthylene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Acetophenone	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Aniline	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benz(a)anthracene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzidine	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(a)pyrene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(k)fluoranthene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzoic acid	ND	760	150	ug/Kg	1	08/27/24	MR	SW8270E
Benzyl butyl phthalate	ND	260	98	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	380	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
Carbazole	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
Chrysene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Dibenzofuran	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Diethyl phthalate	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Dimethylphthalate	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-butylphthalate	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-octylphthalate	ND	260	98	ug/Kg	1	08/27/24	MR	SW8270E
Fluoranthene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Fluorene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobutadiene	ND	260	140	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachloroethane	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Isophorone	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Naphthalene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Nitrobenzene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodimethylamine	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	380	150	ug/Kg	1	08/27/24	MR	SW8270E
Pentachloronitrobenzene	ND	380	110	ug/Kg	1	08/27/24	MR	SW8270E
Pentachlorophenol	ND	380	140	ug/Kg	1	08/27/24	MR	SW8270E
Phenanthrene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Phenol	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Pyrene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Pyridine	ND	380	93	ug/Kg	1	08/27/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	74			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorophenol	69			%	1	08/27/24	MR	30 - 130 %
% Nitrobenzene-d5	65			%	1	08/27/24	MR	30 - 130 %
% Phenol-d5	68			%	1	08/27/24	MR	30 - 130 %
% Terphenyl-d14	79			%	1	08/27/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

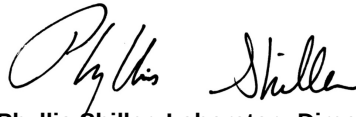
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date

08/22/24
08/22/24

Time

11:20
17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47009

Project ID: NEWTON
Client ID: SB-7 / MW-7 11-12`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	08/26/24	TH	SW6010D
Arsenic	ND	0.74	0.74	mg/Kg	1	08/26/24	TH	SW6010D
Barium	11.4	0.37	0.37	mg/Kg	1	08/26/24	TH	SW6010D
Cadmium	ND	0.37	0.37	mg/Kg	1	08/26/24	TH	SW6010D
Chromium	5.91	0.37	0.37	mg/Kg	1	08/26/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/23/24	AL1	SW7471B
Lead	2.30	* 0.37	0.37	mg/Kg	1	08/26/24	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/26/24	TH	SW6010D
Percent Solid	83			%		08/22/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed						AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/28/24	H/A	SW3546
Soil Extraction for Pesticide	Completed					08/28/24	H/A	SW3546
Soil Extraction for SVOA	Completed					08/26/24	GW/GW	SW3546
Total Metals Digest	Completed					08/23/24		SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	08/29/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	110			%	10	08/29/24	SC	30 - 150 %
% DCBP (Confirmation)	110			%	10	08/29/24	SC	30 - 150 %
% TCMX	91			%	10	08/29/24	SC	30 - 150 %
% TCMX (Confirmation)	89			%	10	08/29/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/29/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/29/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/29/24	CN	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	08/29/24	CN	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/29/24	CN	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Chlordane	ND	39	39	ug/Kg	2	08/29/24	CN	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/29/24	CN	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	08/29/24	CN	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	08/29/24	CN	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/29/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/29/24	CN	SW8081B

QA/QC Surrogates

% DCBP	81			%	2	08/29/24	CN	30 - 150 %
% DCBP (Confirmation)	65			%	2	08/29/24	CN	30 - 150 %
% TCMX	73			%	2	08/29/24	CN	30 - 150 %
% TCMX (Confirmation)	79			%	2	08/29/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
2-Hexanone	ND	25	5.1	ug/Kg	1	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.1	ug/Kg	1	08/23/24	JLI	SW8260D
Acetone	ND	25	5.1	ug/Kg	1	08/23/24	JLI	SW8260D
Acrylonitrile	ND	10	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Benzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Bromobenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Bromoform	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Bromomethane	ND	5.1	2.0	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroethane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroform	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Chloromethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromomethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.1	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Methylene chloride	ND	10	5.1	ug/Kg	1	08/23/24	JLI	SW8260D
Naphthalene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
o-Xylene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Styrene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/23/24	JLI	SW8260D
Toluene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Total Xylenes	ND	5.1	5.1	ug/Kg	1	08/23/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/23/24	JLI	SW8260D
Trichloroethene	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	08/23/24	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	08/23/24	JLI	70 - 130 %
% Toluene-d8	100			%	1	08/23/24	JLI	70 - 130 %

Volatile Library Search Completed

05/07/25

JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	95	ug/Kg	1	08/27/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/27/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitroaniline	ND	640	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitrophenol	ND	280	80	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Aniline	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzoic acid	ND	800	160	ug/Kg	1	08/27/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/27/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/27/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Naphthalene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	150	ug/Kg	1	08/27/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	08/27/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	08/27/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	08/27/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/27/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/27/24	MR	SW8270E
Pyridine	ND	400	98	ug/Kg	1	08/27/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	81			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorophenol	70			%	1	08/27/24	MR	30 - 130 %
% Nitrobenzene-d5	65			%	1	08/27/24	MR	30 - 130 %
% Phenol-d5	69			%	1	08/27/24	MR	30 - 130 %
% Terphenyl-d14	83			%	1	08/27/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

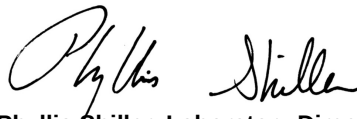
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date Time

08/22/24 11:25
08/22/24 17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47010

Project ID: NEWTON
Client ID: SB-7 / MW-7 14.5-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Arsenic	2.90	0.78	0.78	mg/Kg	1	08/26/24	TH	SW6010D
Barium	35.7	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Cadmium	ND	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Chromium	10.3	0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/23/24	ZT	SW7471B
Lead	5.86	* 0.39	0.39	mg/Kg	1	08/26/24	TH	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	08/26/24	TH	SW6010D
Percent Solid	88			%		08/22/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/23/24	ac1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/28/24	H/A	SW3546
Soil Extraction for Pesticide	Completed					08/28/24	H/A	SW3546
Soil Extraction for SVOA	Completed					08/26/24	GW/GW	SW3546
Total Metals Digest	Completed					08/23/24		SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1221	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1232	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1242	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1248	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1254	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1260	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1262	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A
PCB-1268	ND	370	370	ug/Kg	10	08/29/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	101			%	10	08/29/24	SC	30 - 150 %
% DCBP (Confirmation)	95			%	10	08/29/24	SC	30 - 150 %
% TCMX	85			%	10	08/29/24	SC	30 - 150 %
% TCMX (Confirmation)	83			%	10	08/29/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	08/29/24	CN	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	08/29/24	CN	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	08/29/24	CN	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	08/29/24	CN	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	08/29/24	CN	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Chlordane	ND	37	37	ug/Kg	2	08/29/24	CN	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/29/24	CN	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	08/29/24	CN	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	08/29/24	CN	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	08/29/24	CN	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/29/24	CN	SW8081B

QA/QC Surrogates

% DCBP	81			%	2	08/29/24	CN	30 - 150 %
% DCBP (Confirmation)	65			%	2	08/29/24	CN	30 - 150 %
% TCMX	75			%	2	08/29/24	CN	30 - 150 %
% TCMX (Confirmation)	80			%	2	08/29/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
2-Hexanone	ND	22	4.3	ug/Kg	1	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
4-Chlorotoluene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	22	4.3	ug/Kg	1	08/23/24	JLI	SW8260D
Acetone	ND	22	4.3	ug/Kg	1	08/23/24	JLI	SW8260D
Acrylonitrile	ND	8.6	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Benzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Bromobenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Bromochloromethane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Bromoform	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Bromomethane	ND	4.3	1.7	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Chlorobenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroethane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Chloroform	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Chloromethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Dibromomethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Ethylbenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
m&p-Xylene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	22	4.3	ug/Kg	1	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.6	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Methylene chloride	ND	8.6	4.3	ug/Kg	1	08/23/24	JLI	SW8260D
Naphthalene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
o-Xylene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Styrene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.6	2.2	ug/Kg	1	08/23/24	JLI	SW8260D
Toluene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Total Xylenes	ND	4.3	4.3	ug/Kg	1	08/23/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.6	2.2	ug/Kg	1	08/23/24	JLI	SW8260D
Trichloroethene	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.3	0.86	ug/Kg	1	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
Vinyl chloride	ND	4.3	0.43	ug/Kg	1	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	08/23/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	08/23/24	JLI	70 - 130 %
% Toluene-d8	101			%	1	08/23/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	89	ug/Kg	1	08/27/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	08/27/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	08/27/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	260	97	ug/Kg	1	08/27/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrophenol	ND	370	190	ug/Kg	1	08/27/24	MR	SW8270E
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
2-Chloronaphthalene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Chlorophenol	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylnaphthalene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitroaniline	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E
2-Nitrophenol	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260	180	ug/Kg	1	08/27/24	MR	SW8270E
3-Nitroaniline	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	370	110	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
4-Chloroaniline	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitroaniline	ND	590	120	ug/Kg	1	08/27/24	MR	SW8270E
4-Nitrophenol	ND	260	74	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Acenaphthylene	ND	260	100	ug/Kg	1	08/27/24	MR	SW8270E
Acetophenone	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Aniline	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benz(a)anthracene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzidine	ND	260	150	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(a)pyrene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Benzoic acid	ND	740	150	ug/Kg	1	08/27/24	MR	SW8270E
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	370	100	ug/Kg	1	08/27/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	370	110	ug/Kg	1	08/27/24	MR	SW8270E
Carbazole	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E
Chrysene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Dibenzofuran	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Diethyl phthalate	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Dimethylphthalate	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-butylphthalate	ND	370	150	ug/Kg	1	08/27/24	MR	SW8270E
Di-n-octylphthalate	ND	260	96	ug/Kg	1	08/27/24	MR	SW8270E
Fluoranthene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Fluorene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobenzene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorobutadiene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Hexachloroethane	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Isophorone	ND	260	100	ug/Kg	1	08/27/24	MR	SW8270E
Naphthalene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Nitrobenzene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodimethylamine	ND	370	100	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	370	140	ug/Kg	1	08/27/24	MR	SW8270E
Pentachloronitrobenzene	ND	370	110	ug/Kg	1	08/27/24	MR	SW8270E
Pentachlorophenol	ND	370	140	ug/Kg	1	08/27/24	MR	SW8270E
Phenanthrene	ND	260	110	ug/Kg	1	08/27/24	MR	SW8270E
Phenol	ND	260	120	ug/Kg	1	08/27/24	MR	SW8270E
Pyrene	ND	260	130	ug/Kg	1	08/27/24	MR	SW8270E
Pyridine	ND	370	91	ug/Kg	1	08/27/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	73			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	08/27/24	MR	30 - 130 %
% 2-Fluorophenol	64			%	1	08/27/24	MR	30 - 130 %
% Nitrobenzene-d5	60			%	1	08/27/24	MR	30 - 130 %
% Phenol-d5	63			%	1	08/27/24	MR	30 - 130 %
% Terphenyl-d14	76			%	1	08/27/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

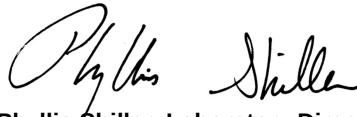
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by: TR
Received by: B
Analyzed by: see "By" below

Date

08/22/24

Time

17:25

Laboratory Data

SDG ID: GCR47003
Phoenix ID: CR47011

Project ID: NEWTON
Client ID: HL TRIP BLANKS

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/22/24		SW5035A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,1-Dichloroethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,1-Dichloroethene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,1-Dichloropropene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,2-Dibromoethane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,2-Dichloroethane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,2-Dichloropropane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
1,3-Dichloropropane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
2,2-Dichloropropane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
2-Chlorotoluene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
2-Hexanone	ND	1300	250	ug/Kg	50	08/23/24	JLI	SW8260D
2-Isopropyltoluene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	08/23/24	JLI	SW8260D
Acetone	ND	5000	250	ug/Kg	50	08/23/24	JLI	SW8260D
Acrylonitrile	ND	500	25	ug/Kg	50	08/23/24	JLI	SW8260D
Benzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Bromobenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Bromochloromethane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Bromodichloromethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Bromoform	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Bromomethane	ND	250	100	ug/Kg	50	08/23/24	JLI	SW8260D
Carbon Disulfide	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Carbon tetrachloride	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Chlorobenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Chloroethane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Chloroform	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Chloromethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Dibromochloromethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Dibromomethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Ethylbenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Hexachlorobutadiene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Isopropylbenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
m&p-Xylene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	3000	250	ug/Kg	50	08/23/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Methylene chloride	ND	500	250	ug/Kg	50	08/23/24	JLI	SW8260D
Naphthalene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
n-Butylbenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
n-Propylbenzene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
o-Xylene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
p-Isopropyltoluene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
sec-Butylbenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Styrene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
tert-Butylbenzene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Tetrachloroethene	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	08/23/24	JLI	SW8260D
Toluene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Total Xylenes	ND	250	250	ug/Kg	50	08/23/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	08/23/24	JLI	SW8260D
Trichloroethene	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Trichlorofluoromethane	ND	250	50	ug/Kg	50	08/23/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
Vinyl chloride	ND	250	25	ug/Kg	50	08/23/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (50x)	95			%	50	08/23/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	101			%	50	08/23/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	90			%	50	08/23/24	JLI	70 - 130 %
% Toluene-d8 (50x)	99			%	50	08/23/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

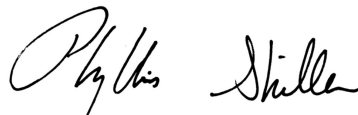
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

EQUIPMENT BLANK

CR47004 BLK

Client:

SAS No.:

SDG No.:

Lab Sample ID: CR47004 BLK

Lab File ID: 0822_11.D

Date Received: 08/22/24

Date Analyzed: 08/23/24

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

CONCENTRATION UNITS:

(ug/L or ug/KG)

ug/Kg

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

SB-6 / MW-6 10-11`

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SB-6 / MW-6 14.5-15`

CLIENT ID
LL TRIP BLANKS

Client: LABELLA

SAS No.:

SDG No.: GCR4700;

Lab Sample ID: CR47007

Lab File ID: 0823_16.D

Date Received: 08/22/24

Date Analyzed: 08/23/24

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID
HL TRIP BLANKS

Client: LABELLA

SAS No.:

SDG No.: GCR4700;

Lab Sample ID: CR47011

Lab File ID: 0823_15.D

Date Received: 08/22/24

Date Analyzed: 08/23/24

Dilution Factor: 50

Soil Aliquot Vol (uL): 100

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 746086 (mg/kg), QC Sample No: CR46497 (CR47008)													
Mercury - Soil	BRL	0.03	0.20	0.19	5.10	79.5	80.0	0.6	90.1	106	16.2	75 - 125	30
QA/QC Batch 746087 (mg/kg), QC Sample No: CR46667 (CR47004, CR47009)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	93.9	88.4	6.0	93.7	103	9.5	75 - 125	30
QA/QC Batch 746083 (mg/kg), QC Sample No: CR46998 (CR47005)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	101	99.7	1.3	106	109	2.8	75 - 125	30
QA/QC Batch 746085 (mg/kg), QC Sample No: CR47006 (CR47006, CR47010)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	95.2	91.1	4.4	99.2	93.6	5.8	75 - 125	30
QA/QC Batch 746157 (mg/kg), QC Sample No: CR46660 (CR47005, CR47006, CR47008, CR47009, CR47010)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.67	5.07	3.48	NC	91.8	95.1	3.5	92.8			80 - 120	30
Barium	BRL	0.33	51.4	38.2	29.5	93.3	95.1	1.9	91.7			80 - 120	30
Cadmium	BRL	0.33	0.35	<0.38	NC	90.9	92.6	1.9	89.7			80 - 120	30
Chromium	BRL	0.33	17.5	13.4	26.5	96.4	99.8	3.5	94.6			80 - 120	30
Lead	BRL	0.33	68.1	46.9	36.9	89.9	95.5	6.0	91.1			80 - 120	30 r
Selenium	BRL	1.3	<1.3	<1.5	NC	84.6	88.5	4.5	84.3			80 - 120	30
Silver	BRL	0.33	<1.0	<0.38	NC	91.8	94.8	3.2	95.3			70 - 130	30
QA/QC Batch 746006 (mg/kg), QC Sample No: CR46670 (CR47004)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.67	9.10	6.69	30.5	95.9	92.5	3.6	92.0			80 - 120	30
Barium	BRL	0.33	85.4	188	75.1	98.3	94.4	4.0	>130			80 - 120	30 m,r
Cadmium	BRL	0.33	0.75	0.85	NC	96.3	94.2	2.2	93.7			80 - 120	30
Chromium	BRL	0.33	24.3	16.9	35.9	104	99.2	4.7	93.1			80 - 120	30 r
Lead	BRL	0.33	292	2820	163	94.1	92.0	2.3	29.1			80 - 120	30 m,r
Selenium	BRL	1.3	<1.5	<1.5	NC	86.2	82.2	4.8	81.7			80 - 120	30
Silver	BRL	0.33	<1.0	<0.37	NC	98.1	95.8	2.4	97.8			70 - 130	30

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 746590 (ug/Kg), QC Sample No: CR47006 (CR47004, CR47005, CR47006)										
<u>Polychlorinated Biphenyls - Soil</u>										
PCB-1016	ND	33	103	104	1.0	96	100	4.1	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	100	105	4.9	90	96	6.5	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	93	%	104	113	8.3	94	97	3.1	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	91	%	99	107	7.8	88	98	10.8	30 - 150	30
% TCMX (Surrogate Rec)	87	%	100	103	3.0	93	95	2.1	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	84	%	98	104	5.9	91	96	5.3	30 - 150	30
QA/QC Batch 746785 (ug/Kg), QC Sample No: CR47008 (CR47008, CR47009, CR47010)										
<u>Polychlorinated Biphenyls - Soil</u>										
PCB-1016	ND	33	110	102	7.5	95	100	5.1	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	109	100	8.6	95	103	8.1	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	96	%	121	106	13.2	102	107	4.8	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	98	%	122	108	12.2	105	110	4.7	30 - 150	30
% TCMX (Surrogate Rec)	93	%	114	101	12.1	98	104	5.9	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	91	%	113	101	11.2	99	105	5.9	30 - 150	30
QA/QC Batch 746594 (ug/Kg), QC Sample No: CR47006 (CR47004, CR47005, CR47006)										
<u>Pesticides - Soil</u>										
4,4' -DDD	ND	1.7	85	73	15.2	83	74	11.5	40 - 140	30
4,4' -DDE	ND	1.7	77	70	9.5	79	73	7.9	40 - 140	30
4,4' -DDT	ND	1.7	89	80	10.7	83	74	11.5	40 - 140	30
a-BHC	ND	1.0	83	75	10.1	81	78	3.8	40 - 140	30
a-Chlordane	ND	3.3	82	73	11.6	83	76	8.8	40 - 140	30
Aldrin	ND	1.0	83	74	11.5	83	78	6.2	40 - 140	30
b-BHC	ND	1.0	80	71	11.9	81	75	7.7	40 - 140	30
Chlordane	ND	33	81	74	9.0	83	77	7.5	40 - 140	30
d-BHC	ND	3.3	87	79	9.6	88	81	8.3	40 - 140	30
Dieldrin	ND	1.0	84	75	11.3	84	77	8.7	40 - 140	30

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endosulfan I	ND	3.3	89	82	8.2	93	87	6.7	40 - 140	30
Endosulfan II	ND	3.3	93	75	21.4	85	77	9.9	40 - 140	30
Endosulfan sulfate	ND	3.3	80	71	11.9	80	72	10.5	40 - 140	30
Endrin	ND	3.3	80	73	9.2	82	76	7.6	40 - 140	30
Endrin aldehyde	ND	3.3	75	68	9.8	70	62	12.1	40 - 140	30
Endrin ketone	ND	3.3	86	77	11.0	86	79	8.5	40 - 140	30
g-BHC	ND	1.0	92	82	11.5	94	88	6.6	40 - 140	30
g-Chlordane	ND	3.3	81	74	9.0	83	77	7.5	40 - 140	30
Heptachlor	ND	3.3	89	78	13.2	87	83	4.7	40 - 140	30
Heptachlor epoxide	ND	3.3	80	72	10.5	81	75	7.7	40 - 140	30
Methoxychlor	ND	3.3	80	71	11.9	80	71	11.9	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	80	%	84	74	12.7	84	77	8.7	30 - 150	30
% DCBP (Confirmation)	72	%	77	74	4.0	79	71	10.7	30 - 150	30
% TCMX	74	%	79	73	7.9	80	78	2.5	30 - 150	30
% TCMX (Confirmation)	80	%	88	87	1.1	90	89	1.1	30 - 150	30

QA/QC Batch 746786 (ug/Kg), QC Sample No: CR47008 (CR47008, CR47009, CR47010)

Pesticides - Soil

4,4' -DDD	ND	1.7	69	67	2.9	78	68	13.7	40 - 140	30
4,4' -DDE	ND	1.7	65	63	3.1	79	68	15.0	40 - 140	30
4,4' -DDT	ND	1.7	77	76	1.3	87	73	17.5	40 - 140	30
a-BHC	ND	1.0	69	69	0.0	80	69	14.8	40 - 140	30
a-Chlordane	ND	3.3	71	70	1.4	79	68	15.0	40 - 140	30
Aldrin	ND	1.0	71	69	2.9	78	65	18.2	40 - 140	30
b-BHC	ND	1.0	68	66	3.0	77	66	15.4	40 - 140	30
Chlordane	ND	33	70	65	7.4	76	67	12.6	40 - 140	30
d-BHC	ND	3.3	76	64	17.1	82	72	13.0	40 - 140	30
Dieldrin	ND	1.0	72	69	4.3	83	69	18.4	40 - 140	30
Endosulfan I	ND	3.3	84	79	6.1	94	79	17.3	40 - 140	30
Endosulfan II	ND	3.3	73	70	4.2	81	69	16.0	40 - 140	30
Endosulfan sulfate	ND	3.3	69	66	4.4	80	70	13.3	40 - 140	30
Endrin	ND	3.3	70	67	4.4	79	66	17.9	40 - 140	30
Endrin aldehyde	ND	3.3	68	66	3.0	66	55	18.2	40 - 140	30
Endrin ketone	ND	3.3	74	70	5.6	84	72	15.4	40 - 140	30
g-BHC	ND	1.0	78	76	2.6	90	76	16.9	40 - 140	30
g-Chlordane	ND	3.3	70	65	7.4	76	67	12.6	40 - 140	30
Heptachlor	ND	3.3	75	73	2.7	87	73	17.5	40 - 140	30
Heptachlor epoxide	ND	3.3	69	67	2.9	79	70	12.1	40 - 140	30
Methoxychlor	ND	3.3	66	63	4.7	76	67	12.6	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	82	%	77	75	2.6	84	74	12.7	30 - 150	30
% DCBP (Confirmation)	80	%	67	66	1.5	71	67	5.8	30 - 150	30
% TCMX	76	%	68	67	1.5	77	67	13.9	30 - 150	30
% TCMX (Confirmation)	82	%	78	78	0.0	83	78	6.2	30 - 150	30

QA/QC Batch 746333 (ug/kg), QC Sample No: CR46893 (CR47004, CR47005, CR47006, CR47008, CR47009, CR47010)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	59	65	9.7	62	64	3.2	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	57	62	8.4	64	65	1.6	30 - 130	30
1,2-Dichlorobenzene	ND	180	43	49	13.0	50	49	2.0	30 - 130	30
1,2-Diphenylhydrazine	ND	230	59	62	5.0	55	57	3.6	30 - 130	30
1,3-Dichlorobenzene	ND	230	40	47	16.1	48	46	4.3	30 - 130	30
1,4-Dichlorobenzene	ND	230	41	48	15.7	48	47	2.1	30 - 130	30

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,2'-Oxybis(1-Chloropropane)	ND	230	31	32	3.2	34	32	6.1	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	73	77	5.3	68	71	4.3	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	76	78	2.6	72	74	2.7	30 - 130	30	
2,4-Dichlorophenol	ND	130	77	74	4.0	73	76	4.0	30 - 130	30	
2,4-Dimethylphenol	ND	230	87	84	3.5	82	84	2.4	30 - 130	30	
2,4-Dinitrophenol	ND	230	40	56	33.3	64	64	0.0	30 - 130	30	r
2,4-Dinitrotoluene	ND	130	79	81	2.5	70	73	4.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130	80	82	2.5	71	74	4.1	30 - 130	30	
2-Chloronaphthalene	ND	230	64	68	6.1	64	66	3.1	30 - 130	30	
2-Chlorophenol	ND	230	63	59	6.6	60	58	3.4	30 - 130	30	
2-Methylnaphthalene	ND	230	63	66	4.7	65	66	1.5	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	60	57	5.1	57	56	1.8	30 - 130	30	
2-Nitroaniline	ND	330	103	102	1.0	86	88	2.3	30 - 130	30	
2-Nitrophenol	ND	230	64	60	6.5	61	60	1.7	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	68	64	6.1	65	63	3.1	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	86	96	11.0	66	68	3.0	30 - 130	30	
3-Nitroaniline	ND	330	88	87	1.1	74	76	2.7	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	72	78	8.0	71	70	1.4	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	75	83	10.1	69	70	1.4	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	82	82	0.0	74	77	4.0	30 - 130	30	
4-Chloroaniline	ND	230	66	64	3.1	56	58	3.5	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	71	76	6.8	67	69	2.9	30 - 130	30	
4-Nitroaniline	ND	230	67	67	0.0	60	61	1.7	30 - 130	30	
4-Nitrophenol	ND	230	84	88	4.7	75	62	19.0	30 - 130	30	
Acenaphthene	ND	230	63	67	6.2	62	63	1.6	30 - 130	30	
Acenaphthylene	ND	130	56	60	6.9	57	58	1.7	30 - 130	30	
Acetophenone	ND	230	54	52	3.8	53	51	3.8	30 - 130	30	
Aniline	ND	330	53	51	3.8	44	43	2.3	30 - 130	30	
Anthracene	ND	230	70	78	10.8	68	69	1.5	30 - 130	30	
Benz(a)anthracene	ND	230	74	82	10.3	65	65	0.0	30 - 130	30	
Benzidine	ND	330	102	105	2.9	19	23	19.0	30 - 130	30	m
Benzo(a)pyrene	ND	130	76	83	8.8	63	63	0.0	30 - 130	30	
Benzo(b)fluoranthene	ND	160	69	78	12.2	62	62	0.0	30 - 130	30	
Benzo(ghi)perylene	ND	230	76	84	10.0	55	58	5.3	30 - 130	30	
Benzo(k)fluoranthene	ND	230	70	77	9.5	62	66	6.3	30 - 130	30	
Benzoic Acid	ND	670	35	65	60.0	100	100	0.0	30 - 130	30	r
Benzyl butyl phthalate	ND	230	74	82	10.3	68	70	2.9	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	67	65	3.0	62	62	0.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	44	45	2.2	45	43	4.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	71	81	13.2	66	69	4.4	30 - 130	30	
Carbazole	ND	230	73	77	5.3	67	68	1.5	30 - 130	30	
Chrysene	ND	230	70	78	10.8	59	60	1.7	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	73	80	9.2	55	57	3.6	30 - 130	30	
Dibenzofuran	ND	230	67	71	5.8	65	67	3.0	30 - 130	30	
Diethyl phthalate	ND	230	78	79	1.3	69	72	4.3	30 - 130	30	
Dimethylphthalate	ND	230	78	78	0.0	68	71	4.3	30 - 130	30	
Di-n-butylphthalate	ND	670	74	80	7.8	68	70	2.9	30 - 130	30	
Di-n-octylphthalate	ND	230	72	81	11.8	67	70	4.4	30 - 130	30	
Fluoranthene	ND	230	70	77	9.5	58	59	1.7	30 - 130	30	
Fluorene	ND	230	71	75	5.5	68	70	2.9	30 - 130	30	
Hexachlorobenzene	ND	130	64	74	14.5	57	59	3.4	30 - 130	30	
Hexachlorobutadiene	ND	230	56	63	11.8	66	68	3.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	29	35	18.8	19	15	23.5	30 - 130	30	l,m

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachloroethane	ND	130	38	45	16.9	44	42	4.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	72	78	8.0	52	53	1.9	30 - 130	30
Isophorone	ND	130	62	59	5.0	56	57	1.8	30 - 130	30
Naphthalene	ND	230	56	59	5.2	60	61	1.7	30 - 130	30
Nitrobenzene	ND	130	50	51	2.0	53	52	1.9	30 - 130	30
N-Nitrosodimethylamine	ND	230	44	45	2.2	41	37	10.3	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	55	52	5.6	52	51	1.9	30 - 130	30
N-Nitrosodiphenylamine	ND	130	74	77	4.0	67	70	4.4	30 - 130	30
Pentachloronitrobenzene	ND	230	65	73	11.6	60	63	4.9	30 - 130	30
Pentachlorophenol	ND	230	82	86	4.8	77	79	2.6	30 - 130	30
Phenanthrene	ND	130	69	76	9.7	59	59	0.0	30 - 130	30
Phenol	ND	230	70	66	5.9	64	61	4.8	30 - 130	30
Pyrene	ND	230	69	74	7.0	58	59	1.7	30 - 130	30
Pyridine	ND	230	34	35	2.9	33	31	6.3	30 - 130	30
% 2,4,6-Tribromophenol	71	%	63	67	6.2	59	61	3.3	30 - 130	30
% 2-Fluorobiphenyl	62	%	59	63	6.6	59	62	5.0	30 - 130	30
% 2-Fluorophenol	60	%	61	56	8.5	55	54	1.8	30 - 130	30
% Nitrobenzene-d5	52	%	50	48	4.1	51	50	2.0	30 - 130	30
% Phenol-d5	58	%	64	59	8.1	57	57	0.0	30 - 130	30
% Terphenyl-d14	76	%	68	74	8.5	63	66	4.7	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 746318 (ug/kg), QC Sample No: CR46575 (CR47005, CR47006, CR47007, CR47008, CR47009, CR47010)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	95	95	0.0	92	82	11.5	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	104	107	2.8	110	91	18.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	103	103	0.0	107	93	14.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	100	100	0.0	101	88	13.8	70 - 130	30	
1,1-Dichloroethane	ND	5.0	105	106	0.9	110	93	16.7	70 - 130	30	
1,1-Dichloroethene	ND	5.0	110	114	3.6	118	96	20.6	70 - 130	30	
1,1-Dichloropropene	ND	5.0	105	104	1.0	106	90	16.3	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	103	101	2.0	73	66	10.1	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	110	110	0.0	102	87	15.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	101	96	5.1	73	65	11.6	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	105	105	0.0	94	81	14.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	95	94	1.1	88	74	17.3	70 - 130	30	
1,2-Dibromoethane	ND	5.0	96	97	1.0	98	85	14.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	105	105	0.0	92	80	14.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	106	107	0.9	107	95	11.9	70 - 130	30	
1,2-Dichloropropane	ND	5.0	103	105	1.9	104	92	12.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	104	103	1.0	94	81	14.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	101	99	2.0	88	78	12.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	102	102	0.0	102	90	12.5	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	104	104	0.0	91	80	12.9	70 - 130	30	
2,2-Dichloropropane	ND	5.0	98	99	1.0	100	84	17.4	70 - 130	30	
2-Chlorotoluene	ND	5.0	103	103	0.0	95	81	15.9	70 - 130	30	
2-Hexanone	ND	25	88	91	3.4	86	74	15.0	70 - 130	30	
2-Isopropyltoluene	ND	5.0	107	107	0.0	93	81	13.8	70 - 130	30	
4-Chlorotoluene	ND	5.0	102	102	0.0	93	81	13.8	70 - 130	30	
4-Methyl-2-pentanone	ND	25	100	101	1.0	100	87	13.9	70 - 130	30	
Acetone	ND	10	104	108	3.8	105	86	19.9	70 - 130	30	

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acrylonitrile	ND	5.0	99	103	4.0	108	86	22.7	70 - 130	30
Benzene	ND	1.0	102	102	0.0	104	90	14.4	70 - 130	30
Bromobenzene	ND	5.0	104	104	0.0	96	86	11.0	70 - 130	30
Bromochloromethane	ND	5.0	98	101	3.0	100	85	16.2	70 - 130	30
Bromodichloromethane	ND	5.0	98	99	1.0	98	87	11.9	70 - 130	30
Bromoform	ND	5.0	85	87	2.3	81	71	13.2	70 - 130	30
Bromomethane	ND	5.0	114	115	0.9	119	100	17.4	70 - 130	30
Carbon Disulfide	ND	5.0	107	108	0.9	108	89	19.3	70 - 130	30
Carbon tetrachloride	ND	5.0	99	102	3.0	99	86	14.1	70 - 130	30
Chlorobenzene	ND	5.0	103	100	3.0	100	87	13.9	70 - 130	30
Chloroethane	ND	5.0	121	119	1.7	125	102	20.3	70 - 130	30
Chloroform	ND	5.0	103	105	1.9	108	92	16.0	70 - 130	30
Chloromethane	ND	5.0	117	118	0.9	121	100	19.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	103	105	1.9	107	91	16.2	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	102	101	1.0	98	89	9.6	70 - 130	30
Dibromochloromethane	ND	3.0	95	94	1.1	92	79	15.2	70 - 130	30
Dibromomethane	ND	5.0	102	105	2.9	99	90	9.5	70 - 130	30
Dichlorodifluoromethane	ND	5.0	111	111	0.0	108	84	25.0	70 - 130	30
Ethylbenzene	ND	1.0	98	98	0.0	97	83	15.6	70 - 130	30
Hexachlorobutadiene	ND	5.0	102	98	4.0	61	48	23.9	70 - 130	30
Isopropylbenzene	ND	1.0	101	103	2.0	98	81	19.0	70 - 130	30
m&p-Xylene	ND	2.0	98	97	1.0	94	81	14.9	70 - 130	30
Methyl ethyl ketone	ND	5.0	97	97	0.0	96	79	19.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	113	91	21.6	106	100	5.8	70 - 130	30
Methylene chloride	ND	5.0	109	112	2.7	112	98	13.3	70 - 130	30
Naphthalene	ND	5.0	103	102	1.0	80	71	11.9	70 - 130	30
n-Butylbenzene	ND	1.0	112	109	2.7	87	74	16.1	70 - 130	30
n-Propylbenzene	ND	1.0	103	103	0.0	94	80	16.1	70 - 130	30
o-Xylene	ND	2.0	99	98	1.0	96	84	13.3	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	104	1.9	90	76	16.9	70 - 130	30
sec-Butylbenzene	ND	1.0	106	105	0.9	91	77	16.7	70 - 130	30
Styrene	ND	5.0	97	95	2.1	92	80	14.0	70 - 130	30
tert-Butylbenzene	ND	1.0	104	104	0.0	94	79	17.3	70 - 130	30
Tetrachloroethene	ND	5.0	98	97	1.0	95	80	17.1	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	102	105	2.9	107	89	18.4	70 - 130	30
Toluene	ND	1.0	103	102	1.0	102	87	15.9	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	114	116	1.7	118	101	15.5	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	102	102	0.0	96	87	9.8	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	95	97	2.1	94	81	14.9	70 - 130	30
Trichloroethene	ND	5.0	101	101	0.0	99	84	16.4	70 - 130	30
Trichlorofluoromethane	ND	5.0	118	118	0.0	122	101	18.8	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	110	115	4.4	117	95	20.8	70 - 130	30
Vinyl chloride	ND	5.0	111	112	0.9	116	94	21.0	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	102	103	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	101	%	100	99	1.0	100	100	0.0	70 - 130	30
% Dibromofluoromethane	95	%	96	97	1.0	93	95	2.1	70 - 130	30
% Toluene-d8	99	%	103	103	0.0	101	102	1.0	70 - 130	30

QA/QC Batch 746318H (ug/kg), QC Sample No: CR46575 50X (CR47011 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	92	92	0.0	80	88	9.5	70 - 130	30
1,1,1-Trichloroethane	ND	250	106	104	1.9	93	102	9.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	250	105	106	0.9	92	100	8.3	70 - 130	30

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,2-Trichloroethane	ND	250	100	100	0.0	87	95	8.8	70 - 130	30	
1,1-Dichloroethane	ND	250	106	105	0.9	93	104	11.2	70 - 130	30	
1,1-Dichloroethene	ND	250	87	75	14.8	68	74	8.5	70 - 130	30	
1,1-Dichloropropene	ND	250	110	108	1.8	98	106	7.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	250	103	107	3.8	89	99	10.6	70 - 130	30	
1,2,3-Trichloropropane	ND	250	108	109	0.9	95	103	8.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	250	102	104	1.9	87	97	10.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	250	108	109	0.9	95	104	9.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	250	88	90	2.2	75	82	8.9	70 - 130	30	
1,2-Dibromoethane	ND	250	96	96	0.0	85	94	10.1	70 - 130	30	
1,2-Dichlorobenzene	ND	250	105	107	1.9	93	102	9.2	70 - 130	30	
1,2-Dichloroethane	ND	250	109	109	0.0	96	105	9.0	70 - 130	30	
1,2-Dichloropropane	ND	250	104	103	1.0	92	99	7.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	250	106	108	1.9	94	104	10.1	70 - 130	30	
1,3-Dichlorobenzene	ND	250	102	104	1.9	90	99	9.5	70 - 130	30	
1,3-Dichloropropane	ND	250	101	101	0.0	90	99	9.5	70 - 130	30	
1,4-Dichlorobenzene	ND	250	107	107	0.0	92	102	10.3	70 - 130	30	
2,2-Dichloropropane	ND	250	98	98	0.0	83	94	12.4	70 - 130	30	
2-Chlorotoluene	ND	250	105	106	0.9	93	101	8.2	70 - 130	30	
2-Hexanone	ND	1300	84	86	2.4	75	81	7.7	70 - 130	30	
2-Isopropyltoluene	ND	250	108	112	3.6	97	106	8.9	70 - 130	30	
4-Chlorotoluene	ND	250	105	106	0.9	91	100	9.4	70 - 130	30	
4-Methyl-2-pentanone	ND	1300	99	100	1.0	87	94	7.7	70 - 130	30	
Acetone	ND	500	86	82	4.8	66	72	8.7	70 - 130	30	m
Acrylonitrile	ND	250	102	102	0.0	89	99	10.6	70 - 130	30	
Benzene	ND	250	106	104	1.9	93	101	8.2	70 - 130	30	
Bromobenzene	ND	250	103	106	2.9	91	99	8.4	70 - 130	30	
Bromochloromethane	ND	250	100	99	1.0	87	94	7.7	70 - 130	30	
Bromodichloromethane	ND	250	97	96	1.0	83	92	10.3	70 - 130	30	
Bromoform	ND	250	79	77	2.6	63	70	10.5	70 - 130	30	m
Bromomethane	ND	250	63	64	1.6	63	65	3.1	70 - 130	30	l,m
Carbon Disulfide	ND	250	82	73	11.6	61	68	10.9	70 - 130	30	m
Carbon tetrachloride	ND	250	97	99	2.0	82	93	12.6	70 - 130	30	
Chlorobenzene	ND	250	103	103	0.0	92	100	8.3	70 - 130	30	
Chloroethane	ND	250	18	19	5.4	20	20	0.0	70 - 130	30	l,m
Chloroform	ND	250	105	105	0.0	93	103	10.2	70 - 130	30	
Chloromethane	ND	250	115	113	1.8	100	111	10.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	250	105	106	0.9	94	103	9.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	250	101	100	1.0	86	94	8.9	70 - 130	30	
Dibromochloromethane	ND	150	91	89	2.2	76	85	11.2	70 - 130	30	
Dibromomethane	ND	250	102	103	1.0	91	97	6.4	70 - 130	30	
Dichlorodifluoromethane	ND	250	102	102	0.0	93	102	9.2	70 - 130	30	
Ethylbenzene	ND	250	102	101	1.0	90	99	9.5	70 - 130	30	
Hexachlorobutadiene	ND	250	108	108	0.0	94	103	9.1	70 - 130	30	
Isopropylbenzene	ND	250	105	107	1.9	93	102	9.2	70 - 130	30	
m&p-Xylene	ND	250	101	99	2.0	88	98	10.8	70 - 130	30	
Methyl ethyl ketone	ND	250	98	98	0.0	84	93	10.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	92	115	22.2	93	99	6.3	70 - 130	30	
Methylene chloride	ND	250	105	105	0.0	94	103	9.1	70 - 130	30	
Naphthalene	ND	250	100	103	3.0	87	97	10.9	70 - 130	30	
n-Butylbenzene	ND	250	118	118	0.0	102	113	10.2	70 - 130	30	
n-Propylbenzene	ND	250	106	109	2.8	94	104	10.1	70 - 130	30	
o-Xylene	ND	250	100	100	0.0	89	99	10.6	70 - 130	30	

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
p-Isopropyltoluene	ND	250	109	110	0.9	96	105	9.0	70 - 130	30
sec-Butylbenzene	ND	250	109	110	0.9	96	105	9.0	70 - 130	30
Styrene	ND	250	97	98	1.0	86	95	9.9	70 - 130	30
tert-Butylbenzene	ND	250	107	109	1.9	95	104	9.0	70 - 130	30
Tetrachloroethene	ND	250	102	101	1.0	91	96	5.3	70 - 130	30
Tetrahydrofuran (THF)	ND	250	102	102	0.0	88	98	10.8	70 - 130	30
Toluene	ND	250	105	105	0.0	92	101	9.3	70 - 130	30
trans-1,2-Dichloroethene	ND	250	113	111	1.8	102	111	8.5	70 - 130	30
trans-1,3-Dichloropropene	ND	250	99	98	1.0	82	93	12.6	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	90	92	2.2	75	83	10.1	70 - 130	30
Trichloroethene	ND	250	100	100	0.0	89	97	8.6	70 - 130	30
Trichlorofluoromethane	ND	250	29	30	3.4	28	33	16.4	70 - 130	30
Trichlorotrifluoroethane	ND	250	104	90	14.4	83	91	9.2	70 - 130	30
Vinyl chloride	ND	250	92	91	1.1	89	92	3.3	70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	101	103	2.0	99	102	3.0	70 - 130	30
% Bromofluorobenzene	100	%	99	100	1.0	99	101	2.0	70 - 130	30
% Dibromofluoromethane	92	%	93	94	1.1	93	94	1.1	70 - 130	30
% Toluene-d8	100	%	104	104	0.0	103	102	1.0	70 - 130	30

QA/QC Batch 746137 (ug/kg), QC Sample No: CR47004 (CR47004)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	96	92	4.3	75	89	17.1	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	103	95	8.1	81	97	18.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	111	104	6.5	85	108	23.8	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	104	100	3.9	83	94	12.4	70 - 130	30
1,1-Dichloroethane	ND	5.0	111	105	5.6	89	106	17.4	70 - 130	30
1,1-Dichloroethene	ND	5.0	111	104	6.5	88	107	19.5	70 - 130	30
1,1-Dichloropropene	ND	5.0	108	100	7.7	85	103	19.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	106	100	5.8	60	73	19.5	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	105	96	9.0	75	97	25.6	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	108	102	5.7	62	74	17.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	106	99	6.8	78	98	22.7	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	112	103	8.4	75	95	23.5	70 - 130	30
1,2-Dibromoethane	ND	5.0	102	101	1.0	78	94	18.6	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	104	98	5.9	72	88	20.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	91	86	5.6	71	82	14.4	70 - 130	30
1,2-Dichloropropane	ND	5.0	111	106	4.6	91	104	13.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	110	102	7.5	81	103	23.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	106	99	6.8	72	90	22.2	70 - 130	30
1,3-Dichloropropane	ND	5.0	103	100	3.0	81	95	15.9	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	104	98	5.9	71	87	20.3	70 - 130	30
2,2-Dichloropropane	ND	5.0	109	101	7.6	81	97	18.0	70 - 130	30
2-Chlorotoluene	ND	5.0	112	106	5.5	82	105	24.6	70 - 130	30
2-Hexanone	ND	25	107	102	4.8	75	93	21.4	70 - 130	30
2-Isopropyltoluene	ND	5.0	112	104	7.4	81	105	25.8	70 - 130	30
4-Chlorotoluene	ND	5.0	105	100	4.9	76	96	23.3	70 - 130	30
4-Methyl-2-pentanone	ND	25	115	109	5.4	85	105	21.1	70 - 130	30
Acetone	ND	10	95	90	5.4	67	83	21.3	70 - 130	30
Acrylonitrile	ND	5.0	122	116	5.0	85	104	20.1	70 - 130	30
Benzene	ND	1.0	105	100	4.9	84	101	18.4	70 - 130	30
Bromobenzene	ND	5.0	106	100	5.8	77	95	20.9	70 - 130	30
Bromochloromethane	ND	5.0	106	103	2.9	85	97	13.2	70 - 130	30
Bromodichloromethane	ND	5.0	98	94	4.2	77	90	15.6	70 - 130	30

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bromoform	ND	5.0	100	95	5.1	70	84	18.2	70 - 130	30
Bromomethane	ND	5.0	106	100	5.8	83	101	19.6	70 - 130	30
Carbon Disulfide	ND	5.0	117	110	6.2	90	110	20.0	70 - 130	30
Carbon tetrachloride	ND	5.0	101	96	5.1	79	96	19.4	70 - 130	30
Chlorobenzene	ND	5.0	103	98	5.0	78	95	19.7	70 - 130	30
Chloroethane	ND	5.0	117	108	8.0	92	111	18.7	70 - 130	30
Chloroform	ND	5.0	104	97	7.0	82	99	18.8	70 - 130	30
Chloromethane	ND	5.0	142	134	5.8	111	134	18.8	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	116	108	7.1	93	106	13.1	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	109	106	2.8	85	98	14.2	70 - 130	30
Dibromochloromethane	ND	3.0	100	96	4.1	75	89	17.1	70 - 130	30
Dibromomethane	ND	5.0	103	100	3.0	80	93	15.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	115	105	9.1	87	109	22.4	70 - 130	30
Ethylbenzene	ND	1.0	103	97	6.0	79	97	20.5	70 - 130	30
Hexachlorobutadiene	ND	5.0	104	96	8.0	57	82	36.0	70 - 130	30
Isopropylbenzene	ND	1.0	119	110	7.9	88	116	27.5	70 - 130	30
m&p-Xylene	ND	2.0	102	97	5.0	79	95	18.4	70 - 130	30
Methyl ethyl ketone	ND	5.0	112	104	7.4	77	99	25.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	95	2.1	78	89	13.2	70 - 130	30
Methylene chloride	ND	5.0	100	97	3.0	80	95	17.1	70 - 130	30
Naphthalene	ND	5.0	114	108	5.4	68	81	17.4	70 - 130	30
n-Butylbenzene	ND	1.0	115	105	9.1	75	103	31.5	70 - 130	30
n-Propylbenzene	ND	1.0	113	103	9.3	82	108	27.4	70 - 130	30
o-Xylene	ND	2.0	106	100	5.8	82	99	18.8	70 - 130	30
p-Isopropyltoluene	ND	1.0	113	105	7.3	80	106	28.0	70 - 130	30
sec-Butylbenzene	ND	1.0	112	104	7.4	80	108	29.8	70 - 130	30
Styrene	ND	5.0	107	103	3.8	80	95	17.1	70 - 130	30
tert-Butylbenzene	ND	1.0	111	103	7.5	82	109	28.3	70 - 130	30
Tetrachloroethene	ND	5.0	107	101	5.8	83	102	20.5	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	124	115	7.5	90	113	22.7	70 - 130	30
Toluene	ND	1.0	104	100	3.9	82	99	18.8	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	109	102	6.6	86	104	18.9	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	106	102	3.8	80	92	14.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	124	117	5.8	82	104	23.7	70 - 130	30
Trichloroethene	ND	5.0	106	101	4.8	82	97	16.8	70 - 130	30
Trichlorofluoromethane	ND	5.0	97	90	7.5	76	93	20.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	108	98	9.7	85	105	21.1	70 - 130	30
Vinyl chloride	ND	5.0	127	116	9.1	95	117	20.8	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	99	1.0	101	99	2.0	70 - 130	30
% Bromofluorobenzene	94	%	95	96	1.0	97	94	3.1	70 - 130	30
% Dibromofluoromethane	104	%	102	103	1.0	104	100	3.9	70 - 130	30
% Toluene-d8	99	%	101	101	0.0	102	102	0.0	70 - 130	30

QA/QC Batch 746384 (ug/L), QC Sample No: CR47464 (CR47003)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	110	110	0.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	112	112	0.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	119	117	1.7				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	122	117	4.2				70 - 130	30
1,1-Dichloroethane	ND	1.0	107	108	0.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	108	110	1.8				70 - 130	30
1,1-Dichloropropene	ND	1.0	119	117	1.7				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	126	124	1.6				70 - 130	30

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2,3-Trichloropropane	ND	1.0	118	117	0.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	121	119	1.7				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	114	112	1.8				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	144	141	2.1				70 - 130	30
1,2-Dibromoethane	ND	1.0	117	114	2.6				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	109	108	0.9				70 - 130	30
1,2-Dichloroethane	ND	1.0	112	110	1.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	116	111	4.4				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	116	115	0.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	110	110	0.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	112	112	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	112	111	0.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	111	111	0.0				70 - 130	30
2-Chlorotoluene	ND	1.0	112	110	1.8				70 - 130	30
2-Hexanone	ND	5.0	128	122	4.8				70 - 130	30
2-Isopropyltoluene	ND	1.0	116	116	0.0				70 - 130	30
4-Chlorotoluene	ND	1.0	112	112	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	136	129	5.3				70 - 130	30
Acetone	ND	5.0	107	111	3.7				70 - 130	30
Acrylonitrile	ND	5.0	112	113	0.9				70 - 130	30
Benzene	ND	0.70	110	107	2.8				70 - 130	30
Bromobenzene	ND	1.0	110	109	0.9				70 - 130	30
Bromochloromethane	ND	1.0	111	111	0.0				70 - 130	30
Bromodichloromethane	ND	0.50	118	112	5.2				70 - 130	30
Bromoform	ND	1.0	113	113	0.0				70 - 130	30
Bromomethane	ND	1.0	102	100	2.0				70 - 130	30
Carbon Disulfide	ND	1.0	110	112	1.8				70 - 130	30
Carbon tetrachloride	ND	1.0	109	108	0.9				70 - 130	30
Chlorobenzene	ND	1.0	108	108	0.0				70 - 130	30
Chloroethane	ND	1.0	110	112	1.8				70 - 130	30
Chloroform	ND	1.0	108	109	0.9				70 - 130	30
Chloromethane	ND	1.0	117	116	0.9				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	107	107	0.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	121	117	3.4				70 - 130	30
Dibromochloromethane	ND	0.50	112	112	0.0				70 - 130	30
Dibromomethane	ND	1.0	122	112	8.5				70 - 130	30
Dichlorodifluoromethane	ND	1.0	109	107	1.9				70 - 130	30
Ethylbenzene	ND	1.0	110	110	0.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	114	112	1.8				70 - 130	30
Isopropylbenzene	ND	1.0	116	114	1.7				70 - 130	30
m&p-Xylene	ND	1.0	113	111	1.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	123	124	0.8				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	115	115	0.0				70 - 130	30
Methylene chloride	ND	1.0	100	101	1.0				70 - 130	30
Naphthalene	ND	1.0	144	140	2.8				70 - 130	30
n-Butylbenzene	ND	1.0	118	116	1.7				70 - 130	30
n-Propylbenzene	ND	1.0	114	113	0.9				70 - 130	30
o-Xylene	ND	1.0	112	110	1.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	117	115	1.7				70 - 130	30
sec-Butylbenzene	ND	1.0	115	115	0.0				70 - 130	30
Styrene	ND	1.0	115	114	0.9				70 - 130	30
tert-Butylbenzene	ND	1.0	114	114	0.0				70 - 130	30
Tetrachloroethene	ND	1.0	121	118	2.5				70 - 130	30

QA/QC Data

SDG I.D.: GCR47003

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Tetrahydrofuran (THF)	ND	2.5	125	126	0.8				70 - 130	30
Toluene	ND	1.0	117	112	4.4				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	109	110	0.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	125	120	4.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	139	134	3.7				70 - 130	30
Trichloroethene	ND	1.0	113	112	0.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	108	109	0.9				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	105	107	1.9				70 - 130	30
Vinyl chloride	ND	1.0	113	113	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0				70 - 130	30
% Bromofluorobenzene	95	%	101	101	0.0				70 - 130	30
% Dibromofluoromethane	98	%	103	99	4.0				70 - 130	30
% Toluene-d8	100	%	107	104	2.8				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution



Phyllis Shiller, Laboratory Director

May 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR47003 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

May 07, 2025

SDG I.D.: GCR47003

The samples in this delivery group were received at 1.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Coolant: ☒ IPK ☐ ICE ☐ No ☐ No

Temp ☒ C ☐ F Pg of

Contact Options:

Phone: 578.365.3333

Fax:

Email:

Customer: LABELLA

Address: 5 MCCREA Hill Rd
Ballston Spa, NY

Project: NEWTON

Report to:

Invoice to:

QUOTE #: QN#LA050724RM

Project P.O.: NEWTON

This section MUST be completed with Bottle Quantities.

Client Sample Information - Identification				Analysis Request	
Sampler's Signature	Date	Sample Matrix	Time Sampled		
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil B=Bulk L=Liquid					
PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled		
47003	EQUIPMENT BUNKS	GW	8/22/24	800	
47004	SB-6/MW-6 6'-7.5'	S	8/22/24	850	
47005	SB-6/MW-6 10'-11'	S	8/22/24	855	
47006	SB-6/MW-6 14.5'-15'	S	8/22/24	900	
47007	LLTRIP BUNKS	S	8/22/24	---	
47008	SB-7/MW-7 7'-8'	S	8/22/24	1115	
47009	SB-7/MW-7 11'-12'	S	8/22/24	1120	
47010	SB-7/MW-7 14.5'-15'	S	8/22/24	1125	
47011	TRHL				

Requisitioned by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: 8/22/24	Time: 1445
Comments, Special Requirements or Regulations: <u>GTLES</u>		Date: 8/22/24	Time: 1725
Data Format: ☒ Phoenix Std Report ☐ Excel ☐ PDF ☐ GIS/Key		EQUIS ☒ NJ Hazsite EDD ☐ NY EZ EDD (ASP) ☐ Other	
Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days* ☒ Standard		Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil Cleanup Criteria ☐ Impact to GW soil screen Criteria ☐ GW Criteria	
Data Package: ☐ NJ Reduced Deliv.* ☐ NY Enhanced (ASP B)*		Other ☐	
NY ☐ TOGS GW ☐ CP-51 SOIL ☐ 375SSCO ☐ Unrestricted Soil ☐ 375SSCO ☐ Residential Soil ☐ 375SSCO ☐ Residential Restricted Soil ☐ 375SSCO ☐ Commercial Soil ☐ 375SSCO ☐ Industrial Soil ☐ Subpart 5 DW		PA ☐ Clean Fill Limits ☐ PA-GW ☐ Reg Fill Limits ☐ PA Soil Restricted ☐ PA Soil non-restricted	
State Samples Collected?		☒	

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Friday, September 13, 2024 1:48 PM
To: Rebecca Merz
Cc: Sarah Bell
Subject: Re: [Ext] Newtown Project - Add Category B Deliverable

Yes. Every report under this Newton PO should get CatB deliverables. I believe this is five reports but can't confirm at this moment.

Sent from my iPhone

On Sep 13, 2024, at 1:45 PM, Rebecca Merz <rebeccam@phoenixlabs.com> wrote:

Hi Todd,

Got your message and want to confirm the list of SDGs you would like us to add a Category B Data Package to. Our records show five SDGs.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041

Please confirm this list is complete and we will get the data packages ordered for you.

Thank you,

Rebecca Merz

New England Sales Manager
Phoenix Environmental Laboratories, Inc.
860-212-9457 (mobile)
rebeccam@phoenixlabs.com
<https://www.phoenixlabs.com/>

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Wednesday, May 07, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCR48033
Sample ID#s: CR48033 - CR48036

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCR48033



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR48033

Labella Associates DPC NEWTON

Methodology Summary

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR48033

Labella Associates DPC NEWTON

Laboratory Chronicle

The samples in this delivery group were received at 2.6°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR48033	Arsenic	08/22/24	08/23/24	08/27/24	TH	Y
CR48033	Barium	08/22/24	08/23/24	08/27/24	TH	Y
CR48033	Cadmium	08/22/24	08/23/24	08/27/24	TH	Y
CR48033	Chromium	08/22/24	08/23/24	08/27/24	TH	Y
CR48033	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR48033	Lead	08/22/24	08/23/24	08/27/24	TH	Y
CR48033	Mercury	08/22/24	08/27/24	08/27/24	ZT	Y
CR48033	Percent Solid	08/22/24	08/23/24	08/23/24	CV	Y
CR48033	Pesticides - Soil	08/22/24	08/29/24	08/31/24	AW	Y
CR48033	Polychlorinated Biphenyls	08/22/24	08/29/24	08/30/24	SC	Y
CR48033	Selenium	08/22/24	08/23/24	08/27/24	TH	Y
CR48033	Semivolatiles	08/22/24	08/28/24	08/29/24	MR	Y
CR48033	Silver	08/22/24	08/23/24	08/27/24	TH	Y
CR48033	Volatiles	08/22/24	08/24/24	08/24/24	JLI	Y
CR48034	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR48034	Percent Solid	08/22/24	08/23/24	08/23/24	CV	Y
CR48034	Volatiles	08/22/24	08/24/24	08/24/24	JLI	Y
CR48035	Arsenic	08/22/24	08/23/24	08/27/24	TH	Y
CR48035	Barium	08/22/24	08/23/24	08/27/24	TH	Y
CR48035	Cadmium	08/22/24	08/23/24	08/27/24	TH	Y
CR48035	Chromium	08/22/24	08/23/24	08/27/24	TH	Y
CR48035	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR48035	Lead	08/22/24	08/23/24	08/27/24	TH	Y
CR48035	Mercury	08/22/24	08/27/24	08/27/24	ZT	Y
CR48035	Percent Solid	08/22/24	08/23/24	08/23/24	CV	Y
CR48035	Pesticides - Soil	08/22/24	08/29/24	08/30/24	CN	Y
CR48035	Polychlorinated Biphenyls	08/22/24	08/29/24	08/30/24	SC	Y
CR48035	Selenium	08/22/24	08/23/24	08/27/24	TH	Y
CR48035	Semivolatiles	08/22/24	08/28/24	08/29/24	MR	Y
CR48035	Silver	08/22/24	08/23/24	08/27/24	TH	Y
CR48035	Volatiles	08/22/24	08/24/24	08/24/24	JLI	Y
CR48036	Arsenic	08/22/24	08/23/24	08/27/24	TH	Y



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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR48033

Labella Associates DPC NEWTON

CR48036	Barium	08/22/24	08/23/24	08/27/24	TH	Y
CR48036	Cadmium	08/22/24	08/23/24	08/27/24	TH	Y
CR48036	Chromium	08/22/24	08/23/24	08/27/24	TH	Y
CR48036	Field Extraction	08/22/24	08/22/24	08/22/24		Y
CR48036	Lead	08/22/24	08/23/24	08/27/24	TH	Y
CR48036	Mercury	08/22/24	08/27/24	08/27/24	ZT	Y
CR48036	MS/MSD Volatiles	08/22/24	08/28/24	08/28/24	JLI	Y
CR48036	Percent Solid	08/22/24	08/23/24	08/23/24	CV	Y
CR48036	Pesticides - Soil	08/22/24	08/29/24	08/30/24	CN	Y
CR48036	Polychlorinated Biphenyls	08/22/24	08/29/24	08/30/24	SC	Y
CR48036	Selenium	08/22/24	08/23/24	08/27/24	TH	Y
CR48036	Semivolatiles	08/22/24	08/28/24	08/29/24	MR	Y
CR48036	Silver	08/22/24	08/23/24	08/27/24	TH	Y
CR48036	Volatiles	08/22/24	08/27/24	08/27/24	JLI	Y



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SDG Comments

May 07, 2025

SDG I.D.: GCR48033

Ver.3:

This report has been revised to include added analysis per client request.



Environmental Laboratories, Inc.
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Sample Id Cross Reference

May 07, 2025

SDG I.D.: GCR48033

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
SB-8 / MW-8 8`-9`	CR48033	SOIL	08/22/24 15:00
DUPE 2	CR48034	SOIL	08/22/24 0:00
SB-8 / MW-8 10`-11`	CR48035	SOIL	08/22/24 15:05
SB-8 / MW-8 14`-15`	CR48036	SOIL	08/22/24 15:30



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/22/24 15:00
08/23/24 16:42

Laboratory Data

SDG ID: GCR48033
Phoenix ID: CR48033

Project ID: NEWTON
Client ID: SB-8 / MW-8 8`-9`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	08/27/24	TH	SW6010D
Arsenic	10.4	* 0.82	0.82	mg/Kg	1	08/27/24	TH	SW6010D
Barium	32.4	0.41	0.41	mg/Kg	1	08/27/24	TH	SW6010D
Cadmium	0.42	0.41	0.41	mg/Kg	1	08/27/24	TH	SW6010D
Chromium	8.66	0.41	0.41	mg/Kg	1	08/27/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	ZT	SW7471B
Lead	6.89	0.41	0.41	mg/Kg	1	08/27/24	TH	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	08/27/24	TH	SW6010D
Percent Solid	76			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/23/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1221	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1232	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1242	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1248	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1254	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1260	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1262	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1268	ND	430	430	ug/Kg	10	08/30/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	98			%	10	08/30/24	SC	30 - 150 %
% DCBP (Confirmation)	96			%	10	08/30/24	SC	30 - 150 %
% TCMX	89			%	10	08/30/24	SC	30 - 150 %
% TCMX (Confirmation)	87			%	10	08/30/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	2	08/31/24	AW	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	08/31/24	AW	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	08/31/24	AW	SW8081B
a-BHC	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
a-Chlordane	ND	4.3	4.3	ug/Kg	2	08/31/24	AW	SW8081B
Aldrin	ND	4.3	4.3	ug/Kg	2	08/31/24	AW	SW8081B
b-BHC	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Chlordane	ND	43	43	ug/Kg	2	08/31/24	AW	SW8081B
d-BHC	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Dieldrin	ND	4.3	4.3	ug/Kg	2	08/31/24	AW	SW8081B
Endosulfan I	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Endosulfan II	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Endosulfan sulfate	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Endrin	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Endrin aldehyde	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Endrin ketone	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	08/31/24	AW	SW8081B
g-Chlordane	ND	4.3	4.3	ug/Kg	2	08/31/24	AW	SW8081B
Heptachlor	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Heptachlor epoxide	ND	8.5	8.5	ug/Kg	2	08/31/24	AW	SW8081B
Methoxychlor	ND	43	43	ug/Kg	2	08/31/24	AW	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	08/31/24	AW	SW8081B

QA/QC Surrogates

% DCBP	90			%	2	08/31/24	AW	30 - 150 %
% DCBP (Confirmation)	80			%	2	08/31/24	AW	30 - 150 %
% TCMX	82			%	2	08/31/24	AW	30 - 150 %
% TCMX (Confirmation)	83			%	2	08/31/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloroethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloroethene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloropropene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dibromoethane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dichloroethane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
1,3-Dichloropropane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
2,2-Dichloropropane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
2-Chlorotoluene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
2-Hexanone	ND	35	7.0	ug/Kg	1	08/24/24	JLI	SW8260D
2-Isopropyltoluene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
4-Chlorotoluene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	35	7.0	ug/Kg	1	08/24/24	JLI	SW8260D
Acetone	45 S	35	7.0	ug/Kg	1	08/24/24	JLI	SW8260D
Acrylonitrile	ND	14	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Benzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Bromobenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Bromochloromethane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Bromodichloromethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Bromoform	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Bromomethane	ND	7.0	2.8	ug/Kg	1	08/24/24	JLI	SW8260D
Carbon Disulfide	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Carbon tetrachloride	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Chlorobenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Chloroethane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Chloroform	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Chloromethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Dibromochloromethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Dibromomethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Dichlorodifluoromethane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Ethylbenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Hexachlorobutadiene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Isopropylbenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
m&p-Xylene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	35	7.0	ug/Kg	1	08/24/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Methylene chloride	ND	14	7.0	ug/Kg	1	08/24/24	JLI	SW8260D
Naphthalene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
n-Butylbenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
n-Propylbenzene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
o-Xylene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
p-Isopropyltoluene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
sec-Butylbenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Styrene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
tert-Butylbenzene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Tetrachloroethene	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14	3.5	ug/Kg	1	08/24/24	JLI	SW8260D
Toluene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Total Xylenes	ND	7.0	7.0	ug/Kg	1	08/24/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	14	3.5	ug/Kg	1	08/24/24	JLI	SW8260D
Trichloroethene	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Trichlorofluoromethane	ND	7.0	1.4	ug/Kg	1	08/24/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
Vinyl chloride	ND	7.0	0.70	ug/Kg	1	08/24/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	08/24/24	JLI	70 - 130 %
% Bromofluorobenzene	88			%	1	08/24/24	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	08/24/24	JLI	70 - 130 %
% Toluene-d8	97			%	1	08/24/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	300	100	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	430	210	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	300	200	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	430	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	680	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	300	85	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	850	170	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	430	120	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	430	120	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	430	120	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	430	160	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	430	130	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	430	160	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	430	100	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	78			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	74			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	66			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	75			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	78			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

08/22/24

Time

16:42

Laboratory Data

SDG ID: GCR48033
Phoenix ID: CR48034

Project ID: NEWTON
Client ID: DUPE 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A

1

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D
2-Chlorotoluene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D
2-Hexanone	ND	24	4.9	ug/Kg	1	08/24/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	1
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
4-Methyl-2-pentanone	ND	24	4.9	ug/Kg	1	08/24/24	JLI	SW8260D	
Acetone	60	S 24	4.9	ug/Kg	1	08/24/24	JLI	SW8260D	
Acrylonitrile	ND	9.8	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Benzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Bromobenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Bromodichloromethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Bromoform	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Bromomethane	ND	4.9	2.0	ug/Kg	1	08/24/24	JLI	SW8260D	
Carbon Disulfide	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Carbon tetrachloride	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Chloroethane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Chloroform	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Chloromethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Dibromochloromethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Dibromomethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Ethylbenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
m&p-Xylene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Methyl Ethyl Ketone	ND	24	4.9	ug/Kg	1	08/24/24	JLI	SW8260D	
Methyl t-butyl ether (MTBE)	ND	9.8	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Methylene chloride	ND	9.8	4.9	ug/Kg	1	08/24/24	JLI	SW8260D	
Naphthalene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
n-Propylbenzene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
o-Xylene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Styrene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Tetrachloroethene	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Tetrahydrofuran (THF)	ND	9.8	2.4	ug/Kg	1	08/24/24	JLI	SW8260D	
Toluene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Total Xylenes	ND	4.9	4.9	ug/Kg	1	08/24/24	JLI	SW8260D	
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
trans-1,4-dichloro-2-butene	ND	9.8	2.4	ug/Kg	1	08/24/24	JLI	SW8260D	
Trichloroethene	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Trichlorofluoromethane	ND	4.9	0.98	ug/Kg	1	08/24/24	JLI	SW8260D	
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	08/24/24	JLI	SW8260D	

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	102			%	1	08/24/24	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	08/24/24	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	08/24/24	JLI	70 - 130 %
% Toluene-d8	97			%	1	08/24/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

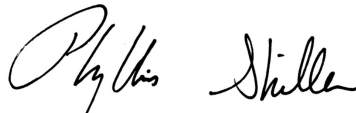
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/22/24 15:05
08/23/24 16:42

Laboratory Data

SDG ID: GCR48033
Phoenix ID: CR48035

Project ID: NEWTON
Client ID: SB-8 / MW-8 10`-11`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.45	0.45	mg/Kg	1	08/27/24	TH	SW6010D
Arsenic	2.93	* 0.90	0.90	mg/Kg	1	08/27/24	TH	SW6010D
Barium	28.5	0.45	0.45	mg/Kg	1	08/27/24	TH	SW6010D
Cadmium	ND	0.45	0.45	mg/Kg	1	08/27/24	TH	SW6010D
Chromium	5.85	0.45	0.45	mg/Kg	1	08/27/24	TH	SW6010D
Mercury	ND	0.04	0.02	mg/Kg	2	08/27/24	ZT	SW7471B
Lead	2.48	0.45	0.45	mg/Kg	1	08/27/24	TH	SW6010D
Selenium	ND	1.8	1.5	mg/Kg	1	08/27/24	TH	SW6010D
Percent Solid	74			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/23/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1221	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1232	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1242	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1248	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1254	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1260	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1262	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1268	ND	440	440	ug/Kg	10	08/30/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	86			%	10	08/30/24	SC	30 - 150 %
% DCBP (Confirmation)	83			%	10	08/30/24	SC	30 - 150 %
% TCMX	85			%	10	08/30/24	SC	30 - 150 %
% TCMX (Confirmation)	83			%	10	08/30/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	2	08/30/24	CN	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	08/30/24	CN	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	08/30/24	CN	SW8081B
a-BHC	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
a-Chlordane	ND	4.4	4.4	ug/Kg	2	08/30/24	CN	SW8081B
Aldrin	ND	4.4	4.4	ug/Kg	2	08/30/24	CN	SW8081B
b-BHC	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Chlordane	ND	44	44	ug/Kg	2	08/30/24	CN	SW8081B
d-BHC	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Dieldrin	ND	4.4	4.4	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan I	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan II	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan sulfate	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Endrin	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Endrin aldehyde	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Endrin ketone	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	08/30/24	CN	SW8081B
g-Chlordane	ND	4.4	4.4	ug/Kg	2	08/30/24	CN	SW8081B
Heptachlor	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Heptachlor epoxide	ND	8.7	8.7	ug/Kg	2	08/30/24	CN	SW8081B
Methoxychlor	ND	44	44	ug/Kg	2	08/30/24	CN	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	08/30/24	CN	SW8081B

QA/QC Surrogates

% DCBP	80			%	2	08/30/24	CN	30 - 150 %
% DCBP (Confirmation)	70			%	2	08/30/24	CN	30 - 150 %
% TCMX	73			%	2	08/30/24	CN	30 - 150 %
% TCMX (Confirmation)	77			%	2	08/30/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
2-Hexanone	ND	30	5.9	ug/Kg	1	08/24/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	08/24/24	JLI	SW8260D
Acetone	ND	30	5.9	ug/Kg	1	08/24/24	JLI	SW8260D
Acrylonitrile	ND	12	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Benzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Bromobenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Bromoform	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Bromomethane	ND	5.9	2.4	ug/Kg	1	08/24/24	JLI	SW8260D
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Chloroethane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Chloroform	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Chloromethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Dibromomethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	30	5.9	ug/Kg	1	08/24/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Methylene chloride	ND	12	5.9	ug/Kg	1	08/24/24	JLI	SW8260D
Naphthalene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
n-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
n-Propylbenzene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
o-Xylene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
sec-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Styrene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
tert-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	08/24/24	JLI	SW8260D
Toluene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Total Xylenes	ND	5.9	5.9	ug/Kg	1	08/24/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	08/24/24	JLI	SW8260D
Trichloroethene	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	08/24/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	08/24/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	08/24/24	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	08/24/24	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	08/24/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/24/24	JLI	70 - 130 %

Volatile Library Search

Completed

05/07/25

JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	310	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	310	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	310	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	310	160	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	450	220	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	310	180	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	310	180	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	310	180	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	310	210	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	450	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	310	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	310	180	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	720	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	310	90	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	310	180	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	900	180	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	310	120	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	450	120	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	450	130	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	450	180	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	310	120	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	310	160	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	310	160	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	450	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	450	170	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	450	130	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	450	170	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	310	130	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	310	140	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	310	150	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	450	110	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	81			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	75			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	68			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	76			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	79			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

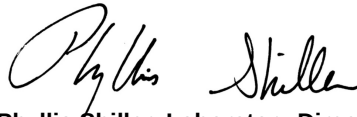
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/22/24 15:30
08/23/24 16:42

Laboratory Data

SDG ID: GCR48033
Phoenix ID: CR48036

Project ID: NEWTON
Client ID: SB-8 / MW-8 14`-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	08/27/24	TH	SW6010D
Arsenic	2.23	* 0.75	0.75	mg/Kg	1	08/27/24	TH	SW6010D
Barium	29.2	0.38	0.38	mg/Kg	1	08/27/24	TH	SW6010D
Cadmium	ND	0.38	0.38	mg/Kg	1	08/27/24	TH	SW6010D
Chromium	10.1	0.38	0.38	mg/Kg	1	08/27/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	ZT	SW7471B
Lead	5.65	0.38	0.38	mg/Kg	1	08/27/24	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/27/24	TH	SW6010D
Percent Solid	81			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/22/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/23/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	104			%	10	08/30/24	SC	30 - 150 %
% DCBP (Confirmation)	105			%	10	08/30/24	SC	30 - 150 %
% TCMX	83			%	10	08/30/24	SC	30 - 150 %
% TCMX (Confirmation)	80			%	10	08/30/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/30/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/30/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/30/24	CN	SW8081B
a-BHC	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	08/30/24	CN	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	08/30/24	CN	SW8081B
b-BHC	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Chlordane	ND	40	40	ug/Kg	2	08/30/24	CN	SW8081B
d-BHC	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan I	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan II	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan sulfate	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Endrin	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Endrin aldehyde	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Endrin ketone	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/30/24	CN	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	08/30/24	CN	SW8081B
Heptachlor	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Heptachlor epoxide	ND	8.1	8.1	ug/Kg	2	08/30/24	CN	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	08/30/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/30/24	CN	SW8081B

QA/QC Surrogates

% DCBP	84			%	2	08/30/24	CN	30 - 150 %
% DCBP (Confirmation)	78			%	2	08/30/24	CN	30 - 150 %
% TCMX	71			%	2	08/30/24	CN	30 - 150 %
% TCMX (Confirmation)	76			%	2	08/30/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
2-Chlorotoluene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
2-Hexanone	ND	25	4.9	ug/Kg	1	08/27/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	4.9	ug/Kg	1	08/27/24	JLI	SW8260D
Acetone	ND	25	4.9	ug/Kg	1	08/27/24	JLI	SW8260D
Acrylonitrile	ND	9.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Benzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Bromobenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Bromodichloromethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Bromoform	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Bromomethane	ND	4.9	2.0	ug/Kg	1	08/27/24	JLI	SW8260D
Carbon Disulfide	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Carbon tetrachloride	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Chloroethane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Chloroform	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Chloromethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Dibromochloromethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Dibromomethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Ethylbenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
m&p-Xylene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	4.9	ug/Kg	1	08/27/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Methylene chloride	ND	9.9	4.9	ug/Kg	1	08/27/24	JLI	SW8260D
Naphthalene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
n-Propylbenzene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
o-Xylene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Styrene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Tetrachloroethene	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.9	2.5	ug/Kg	1	08/27/24	JLI	SW8260D
Toluene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Total Xylenes	ND	4.9	4.9	ug/Kg	1	08/27/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.9	2.5	ug/Kg	1	08/27/24	JLI	SW8260D
Trichloroethene	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.9	0.99	ug/Kg	1	08/27/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	08/27/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	08/27/24	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	08/27/24	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	08/27/24	JLI	70 - 130 %
% Toluene-d8	100			%	1	08/27/24	JLI	70 - 130 %
MS/MSD Volatiles	Completed					08/28/24	JLI	
Volatile Library Search	Completed					05/07/25	JLI	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	97	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	640	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	280	81	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
Anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	810	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	120	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	280	150	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	400	99	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/OC Surrogates</u>								
% 2,4,6-Tribromophenol	73			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	70			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	63			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	71			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	72			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

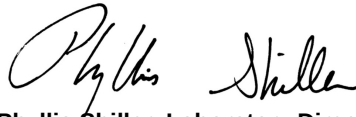
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

DUPE 2

SB-8 / MW-8 10`-11`



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR48033

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 746452 (mg/kg), QC Sample No: CR48036 (CR48033, CR48035, CR48036)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	86.6	84.1	2.9	99.8	96.6	3.3	75 - 125	30
QA/QC Batch 746200 (mg/kg), QC Sample No: CR47889 (CR48033, CR48035, CR48036)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.67	5.14	8.48	49.0	98.2	95.4	2.9	93.0			80 - 120	30 r
Barium	BRL	0.33	32.4	36.0	10.5	91.9	92.2	0.3	97.8			80 - 120	30
Cadmium	BRL	0.33	0.43	0.44	NC	101	96.3	4.8	92.7			80 - 120	30
Chromium	BRL	0.33	19.6	22.1	12.0	94.6	95.0	0.4	98.0			80 - 120	30
Lead	BRL	0.33	57.0	56.2	1.40	93.8	91.4	2.6	98.8			80 - 120	30
Selenium	BRL	1.3	<1.3	<1.3	NC	86.4	85.8	0.7	85.5			80 - 120	30
Silver	BRL	0.33	<0.33	<0.33	NC	97.0	92.7	4.5	96.0			70 - 130	30

r = This parameter is outside laboratory RPD specified recovery limits.



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QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR48033

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 747028 (ug/Kg), QC Sample No: CR48036 (CR48033, CR48035, CR48036)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	92	88	4.4	94	89	5.5	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	99	90	9.5	91	84	8.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	84	%	101	95	6.1	96	88	8.7	30 - 150	30
% DCBP (Surrogate Rec) (Confirm)	86	%	105	98	6.9	99	90	9.5	30 - 150	30
% TCMX (Surrogate Rec)	80	%	96	90	6.5	89	82	8.2	30 - 150	30
% TCMX (Surrogate Rec) (Confirm)	77	%	96	89	7.6	88	82	7.1	30 - 150	30
QA/QC Batch 747029 (ug/Kg), QC Sample No: CR48036 (CR48033, CR48035, CR48036)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	64	78	19.7	68	59	14.2	40 - 140	30
4,4' -DDE	ND	1.7	69	81	16.0	73	64	13.1	40 - 140	30
4,4' -DDT	ND	1.7	55	63	13.6	65	57	13.1	40 - 140	30
a-BHC	ND	1.0	71	81	13.2	75	65	14.3	40 - 140	30
a-Chlordane	ND	3.3	74	81	9.0	77	67	13.9	40 - 140	30
Aldrin	ND	1.0	72	83	14.2	76	66	14.1	40 - 140	30
b-BHC	ND	1.0	68	78	13.7	71	62	13.5	40 - 140	30
Chlordane	ND	3.3	72	84	15.4	77	67	13.9	40 - 140	30
d-BHC	ND	3.3	61	71	15.2	63	54	15.4	40 - 140	30
Dieldrin	ND	1.0	75	88	16.0	79	69	13.5	40 - 140	30
Endosulfan I	ND	3.3	75	89	17.1	79	69	13.5	40 - 140	30
Endosulfan II	ND	3.3	77	90	15.6	80	70	13.3	40 - 140	30
Endosulfan sulfate	ND	3.3	75	85	12.5	79	67	16.4	40 - 140	30
Endrin	ND	3.3	80	97	19.2	85	74	13.8	40 - 140	30
Endrin aldehyde	ND	3.3	63	71	11.9	64	56	13.3	40 - 140	30
Endrin ketone	ND	3.3	74	86	15.0	80	69	14.8	40 - 140	30
g-BHC	ND	1.0	69	79	13.5	73	63	14.7	40 - 140	30
g-Chlordane	ND	3.3	72	84	15.4	77	67	13.9	40 - 140	30
Heptachlor	ND	3.3	62	70	12.1	64	58	9.8	40 - 140	30
Heptachlor epoxide	ND	3.3	65	75	14.3	69	60	14.0	40 - 140	30
Methoxychlor	ND	3.3	55	59	7.0	66	60	9.5	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	70	%	69	78	12.2	70	64	9.0	30 - 150	30
% DCBP (Confirmation)	64	%	60	70	15.4	61	52	15.9	30 - 150	30
% TCMX	67	%	65	75	14.3	68	60	12.5	30 - 150	30
% TCMX (Confirmation)	72	%	69	79	13.5	72	62	14.9	30 - 150	30

QA/QC Data

SDG I.D.: GCR48033

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 746778 (ug/kg), QC Sample No: CR48036 (CR48033, CR48035, CR48036)										
Semivolatiles - Soil										
1,2,4,5-Tetrachlorobenzene	ND	230	52	51	1.9	52	58	10.9	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	52	54	3.8	53	61	14.0	30 - 130	30
1,2-Dichlorobenzene	ND	180	51	51	0.0	52	60	14.3	30 - 130	30
1,2-Diphenylhydrazine	ND	230	62	58	6.7	60	66	9.5	30 - 130	30
1,3-Dichlorobenzene	ND	230	48	49	2.1	50	58	14.8	30 - 130	30
1,4-Dichlorobenzene	ND	230	49	50	2.0	51	58	12.8	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	230	48	44	8.7	46	52	12.2	30 - 130	30
2,4,5-Trichlorophenol	ND	230	67	61	9.4	64	71	10.4	30 - 130	30
2,4,6-Trichlorophenol	ND	130	71	64	10.4	66	74	11.4	30 - 130	30
2,4-Dichlorophenol	ND	130	69	60	14.0	63	70	10.5	30 - 130	30
2,4-Dimethylphenol	ND	230	76	65	15.6	70	77	9.5	30 - 130	30
2,4-Dinitrophenol	ND	230	92	70	27.2	67	69	2.9	30 - 130	30
2,4-Dinitrotoluene	ND	130	72	66	8.7	67	71	5.8	30 - 130	30
2,6-Dinitrotoluene	ND	130	77	70	9.5	72	78	8.0	30 - 130	30
2-Chloronaphthalene	ND	230	62	60	3.3	62	69	10.7	30 - 130	30
2-Chlorophenol	ND	230	75	62	19.0	67	74	9.9	30 - 130	30
2-Methylnaphthalene	ND	230	60	57	5.1	58	65	11.4	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	77	56	31.6	67	73	8.6	30 - 130	30 r
2-Nitroaniline	ND	330	94	78	18.6	83	89	7.0	30 - 130	30
2-Nitrophenol	ND	230	68	61	10.9	56	61	8.5	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	79	63	22.5	71	77	8.1	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	77	71	8.1	74	82	10.3	30 - 130	30
3-Nitroaniline	ND	330	89	75	17.1	81	85	4.8	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	86	73	16.4	73	76	4.0	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	61	59	3.3	63	68	7.6	30 - 130	30
4-Chloro-3-methylphenol	ND	230	75	64	15.8	69	75	8.3	30 - 130	30
4-Chloroaniline	ND	230	68	58	15.9	63	67	6.2	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	61	59	3.3	62	68	9.2	30 - 130	30
4-Nitroaniline	ND	230	76	65	15.6	71	77	8.1	30 - 130	30
4-Nitrophenol	ND	230	90	76	16.9	84	89	5.8	30 - 130	30
Acenaphthene	ND	230	64	61	4.8	63	69	9.1	30 - 130	30
Acenaphthylene	ND	130	58	55	5.3	57	63	10.0	30 - 130	30
Acetophenone	ND	230	64	54	16.9	58	65	11.4	30 - 130	30
Aniline	ND	330	51	52	1.9	55	63	13.6	30 - 130	30
Anthracene	ND	230	64	63	1.6	65	70	7.4	30 - 130	30
Benz(a)anthracene	ND	230	61	60	1.7	61	67	9.4	30 - 130	30
Benzidine	ND	330	34	60	55.3	46	57	21.4	30 - 130	30 r
Benzo(a)pyrene	ND	130	63	63	0.0	61	66	7.9	30 - 130	30
Benzo(b)fluoranthene	ND	160	58	57	1.7	56	62	10.2	30 - 130	30
Benzo(ghi)perylene	ND	230	68	69	1.5	59	63	6.6	30 - 130	30
Benzo(k)fluoranthene	ND	230	58	57	1.7	56	62	10.2	30 - 130	30
Benzoic Acid	ND	670	80	56	35.3	43	26	49.3	30 - 130	30 m,r
Benzyl butyl phthalate	ND	230	67	64	4.6	69	76	9.7	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	65	58	11.4	61	67	9.4	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	61	54	12.2	57	64	11.6	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	62	65	4.7	68	75	9.8	30 - 130	30
Carbazole	ND	230	66	61	7.9	66	70	5.9	30 - 130	30
Chrysene	ND	230	58	58	0.0	59	64	8.1	30 - 130	30
Dibenz(a,h)anthracene	ND	130	66	67	1.5	61	66	7.9	30 - 130	30
Dibenzofuran	ND	230	65	62	4.7	64	70	9.0	30 - 130	30

QA/QC Data

SDG I.D.: GCR48033

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	230	72	63	13.3	69	74	7.0	30 - 130	30
Dimethylphthalate	ND	230	71	62	13.5	67	72	7.2	30 - 130	30
Di-n-butylphthalate	ND	670	64	62	3.2	66	72	8.7	30 - 130	30
Di-n-octylphthalate	ND	230	69	74	7.0	78	87	10.9	30 - 130	30
Fluoranthene	ND	230	64	62	3.2	65	70	7.4	30 - 130	30
Fluorene	ND	230	64	62	3.2	64	70	9.0	30 - 130	30
Hexachlorobenzene	ND	130	57	58	1.7	60	65	8.0	30 - 130	30
Hexachlorobutadiene	ND	230	50	55	9.5	54	61	12.2	30 - 130	30
Hexachlorocyclopentadiene	ND	230	<10	46	NC	<10	16	NC	30 - 130	30
Hexachloroethane	ND	130	49	52	5.9	51	59	14.5	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	63	64	1.6	56	60	6.9	30 - 130	30
Isophorone	ND	130	61	54	12.2	56	62	10.2	30 - 130	30
Naphthalene	ND	230	58	56	3.5	57	66	14.6	30 - 130	30
Nitrobenzene	ND	130	68	58	15.9	63	70	10.5	30 - 130	30
N-Nitrosodimethylamine	ND	230	70	56	22.2	60	66	9.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	67	56	17.9	62	68	9.2	30 - 130	30
N-Nitrosodiphenylamine	ND	130	65	60	8.0	65	71	8.8	30 - 130	30
Pentachloronitrobenzene	ND	230	58	58	0.0	60	65	8.0	30 - 130	30
Pentachlorophenol	ND	230	69	61	12.3	67	73	8.6	30 - 130	30
Phenanthrene	ND	130	63	60	4.9	64	68	6.1	30 - 130	30
Phenol	ND	230	91	65	33.3	73	79	7.9	30 - 130	30
Pyrene	ND	230	63	60	4.9	63	68	7.6	30 - 130	30
Pyridine	ND	230	52	45	14.4	48	53	9.9	30 - 130	30
% 2,4,6-Tribromophenol	73	%	63	57	10.0	60	66	9.5	30 - 130	30
% 2-Fluorobiphenyl	68	%	59	57	3.4	58	65	11.4	30 - 130	30
% 2-Fluorophenol	71	%	71	58	20.2	63	69	9.1	30 - 130	30
% Nitrobenzene-d5	63	%	65	56	14.9	60	67	11.0	30 - 130	30
% Phenol-d5	72	%	78	59	27.7	66	71	7.3	30 - 130	30
% Terphenyl-d14	72	%	58	57	1.7	58	66	12.9	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 746340 (ug/kg), QC Sample No: CR47648 (CR48033, CR48034, CR48035)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	85	87	2.3	77	78	1.3	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	89	91	2.2	83	83	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	95	96	1.0	<10	<10	NC	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	93	96	3.2	84	85	1.2	70 - 130	30
1,1-Dichloroethane	ND	5.0	97	99	2.0	92	91	1.1	70 - 130	30
1,1-Dichloroethene	ND	5.0	96	98	2.1	93	94	1.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	94	97	3.1	89	88	1.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	94	95	1.1	72	72	0.0	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	87	88	1.1	80	83	3.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	96	97	1.0	72	71	1.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	92	94	2.2	81	82	1.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	90	91	1.1	78	79	1.3	70 - 130	30
1,2-Dibromoethane	ND	5.0	89	91	2.2	83	83	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	90	92	2.2	78	79	1.3	70 - 130	30
1,2-Dichloroethane	ND	5.0	81	82	1.2	75	75	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	100	102	2.0	93	94	1.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	94	97	3.1	84	85	1.2	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	92	93	1.1	78	79	1.3	70 - 130	30

QA/QC Data

SDG I.D.: GCR48033

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	5.0	91	93	2.2	84	84	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	90	92	2.2	77	77	0.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	92	94	2.2	87	84	3.5	70 - 130	30
2-Chlorotoluene	ND	5.0	96	99	3.1	86	89	3.4	70 - 130	30
2-Hexanone	ND	25	87	88	1.1	80	83	3.7	70 - 130	30
2-Isopropyltoluene	ND	5.0	96	99	3.1	83	85	2.4	70 - 130	30
4-Chlorotoluene	ND	5.0	93	96	3.2	82	83	1.2	70 - 130	30
4-Methyl-2-pentanone	ND	25	97	98	1.0	92	93	1.1	70 - 130	30
Acetone	ND	10	80	79	1.3	77	77	0.0	70 - 130	30
Acrylonitrile	ND	5.0	99	101	2.0	98	93	5.2	70 - 130	30
Benzene	ND	1.0	93	96	3.2	87	88	1.1	70 - 130	30
Bromobenzene	ND	5.0	92	94	2.2	81	83	2.4	70 - 130	30
Bromochloromethane	ND	5.0	94	95	1.1	90	88	2.2	70 - 130	30
Bromodichloromethane	ND	5.0	87	90	3.4	79	81	2.5	70 - 130	30
Bromoform	ND	5.0	84	87	3.5	74	76	2.7	70 - 130	30
Bromomethane	ND	5.0	91	92	1.1	88	86	2.3	70 - 130	30
Carbon Disulfide	ND	5.0	103	103	0.0	92	92	0.0	70 - 130	30
Carbon tetrachloride	ND	5.0	88	90	2.2	81	81	0.0	70 - 130	30
Chlorobenzene	ND	5.0	91	92	1.1	82	83	1.2	70 - 130	30
Chloroethane	ND	5.0	101	100	1.0	96	93	3.2	70 - 130	30
Chloroform	ND	5.0	91	93	2.2	86	84	2.4	70 - 130	30
Chloromethane	ND	5.0	125	124	0.8	116	115	0.9	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	99	101	2.0	93	93	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	98	100	2.0	87	88	1.1	70 - 130	30
Dibromochloromethane	ND	3.0	88	89	1.1	77	78	1.3	70 - 130	30
Dibromomethane	ND	5.0	92	93	1.1	85	86	1.2	70 - 130	30
Dichlorodifluoromethane	ND	5.0	100	100	0.0	91	92	1.1	70 - 130	30
Ethylbenzene	ND	1.0	90	92	2.2	82	82	0.0	70 - 130	30
Hexachlorobutadiene	ND	5.0	87	91	4.5	67	63	6.2	70 - 130	30 m
Isopropylbenzene	ND	1.0	101	102	1.0	91	94	3.2	70 - 130	30
m&p-Xylene	ND	2.0	89	92	3.3	82	82	0.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	90	89	1.1	86	87	1.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	87	88	1.1	82	83	1.2	70 - 130	30
Methylene chloride	ND	5.0	87	89	2.3	83	83	0.0	70 - 130	30
Naphthalene	ND	5.0	97	99	2.0	82	83	1.2	70 - 130	30
n-Butylbenzene	ND	1.0	97	100	3.0	81	81	0.0	70 - 130	30
n-Propylbenzene	ND	1.0	96	99	3.1	85	87	2.3	70 - 130	30
o-Xylene	ND	2.0	93	95	2.1	84	87	3.5	70 - 130	30
p-Isopropyltoluene	ND	1.0	96	99	3.1	83	84	1.2	70 - 130	30
sec-Butylbenzene	ND	1.0	96	98	2.1	83	84	1.2	70 - 130	30
Styrene	ND	5.0	94	97	3.1	85	86	1.2	70 - 130	30
tert-Butylbenzene	ND	1.0	96	98	2.1	84	86	2.4	70 - 130	30
Tetrachloroethene	ND	5.0	94	96	2.1	89	88	1.1	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	100	101	1.0	97	97	0.0	70 - 130	30
Toluene	ND	1.0	92	95	3.2	86	86	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	94	96	2.1	88	88	0.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	94	96	2.1	83	82	1.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	102	104	1.9	87	89	2.3	70 - 130	30
Trichloroethene	ND	5.0	93	97	4.2	146	147	0.7	70 - 130	30 m
Trichlorofluoromethane	ND	5.0	84	84	0.0	80	78	2.5	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	90	93	3.3	88	87	1.1	70 - 130	30
Vinyl chloride	ND	5.0	110	109	0.9	102	101	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	102	%	101	100	1.0	101	102	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GCR48033

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	94	%	96	98	2.1	98	97	1.0	70 - 130	30
% Dibromofluoromethane	101	%	100	101	1.0	100	98	2.0	70 - 130	30
% Toluene-d8	99	%	102	103	1.0	102	102	0.0	70 - 130	30

QA/QC Batch 746480 (ug/kg), QC Sample No: CR48036 (CR48036)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	113	116	2.6	103	103	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	103	106	2.9	99	103	4.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	102	107	4.8	82	79	3.7	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	107	111	3.7	89	86	3.4	70 - 130	30	
1,1-Dichloroethane	ND	5.0	104	106	1.9	96	99	3.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	107	109	1.9	95	101	6.1	70 - 130	30	
1,1-Dichloropropene	ND	5.0	109	110	0.9	86	93	7.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	112	116	3.5	44	45	2.2	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	104	109	4.7	75	75	0.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	115	118	2.6	37	39	5.3	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	110	112	1.8	80	81	1.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	110	120	8.7	72	72	0.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	110	113	2.7	72	69	4.3	70 - 130	30	m
1,2-Dichlorobenzene	ND	5.0	108	111	2.7	63	62	1.6	70 - 130	30	m
1,2-Dichloroethane	ND	5.0	99	102	3.0	82	80	2.5	70 - 130	30	
1,2-Dichloropropane	ND	5.0	106	109	2.8	94	94	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	110	112	1.8	89	90	1.1	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	110	112	1.8	57	59	3.4	70 - 130	30	m
1,3-Dichloropropane	ND	5.0	106	109	2.8	77	76	1.3	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	108	112	3.6	52	54	3.8	70 - 130	30	m
2,2-Dichloropropane	ND	5.0	111	110	0.9	99	104	4.9	70 - 130	30	
2-Chlorotoluene	ND	5.0	108	110	1.8	78	79	1.3	70 - 130	30	
2-Hexanone	ND	25	99	105	5.9	62	60	3.3	70 - 130	30	m
2-Isopropyltoluene	ND	5.0	110	114	3.6	96	98	2.1	70 - 130	30	
4-Chlorotoluene	ND	5.0	110	111	0.9	63	66	4.7	70 - 130	30	m
4-Methyl-2-pentanone	ND	25	103	109	5.7	82	80	2.5	70 - 130	30	
Acetone	ND	10	83	89	7.0	82	71	14.4	70 - 130	30	
Acrylonitrile	ND	5.0	106	115	8.1	84	84	0.0	70 - 130	30	
Benzene	ND	1.0	108	110	1.8	93	95	2.1	70 - 130	30	
Bromobenzene	ND	5.0	108	111	2.7	67	67	0.0	70 - 130	30	m
Bromochloromethane	ND	5.0	107	110	2.8	89	88	1.1	70 - 130	30	
Bromodichloromethane	ND	5.0	107	110	2.8	90	90	0.0	70 - 130	30	
Bromoform	ND	5.0	116	120	3.4	81	79	2.5	70 - 130	30	
Bromomethane	ND	5.0	109	111	1.8	102	105	2.9	70 - 130	30	
Carbon Disulfide	ND	5.0	110	110	0.0	77	88	13.3	70 - 130	30	
Carbon tetrachloride	ND	5.0	105	108	2.8	97	99	2.0	70 - 130	30	
Chlorobenzene	ND	5.0	109	112	2.7	75	76	1.3	70 - 130	30	
Chloroethane	ND	5.0	110	110	0.0	103	107	3.8	70 - 130	30	
Chloroform	ND	5.0	102	103	1.0	91	92	1.1	70 - 130	30	
Chloromethane	ND	5.0	113	115	1.8	105	109	3.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	103	109	5.7	84	86	2.4	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	111	116	4.4	78	76	2.6	70 - 130	30	
Dibromochloromethane	ND	3.0	113	117	3.5	88	87	1.1	70 - 130	30	
Dibromomethane	ND	5.0	105	108	2.8	80	79	1.3	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	99	101	2.0	94	108	13.9	70 - 130	30	
Ethylbenzene	ND	1.0	111	112	0.9	85	89	4.6	70 - 130	30	
Hexachlorobutadiene	ND	5.0	120	123	2.5	90	93	3.3	70 - 130	30	

QA/QC Data

SDG I.D.: GCR48033

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Isopropylbenzene	ND	1.0	108	111	2.7	91	94	3.2	70 - 130	30
m&p-Xylene	ND	2.0	111	112	0.9	83	86	3.6	70 - 130	30
Methyl ethyl ketone	ND	5.0	95	100	5.1	74	73	1.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	98	103	5.0	92	95	3.2	70 - 130	30
Methylene chloride	ND	5.0	99	100	1.0	88	89	1.1	70 - 130	30
Naphthalene	ND	5.0	109	116	6.2	49	47	4.2	70 - 130	30 m
n-Butylbenzene	ND	1.0	111	114	2.7	65	71	8.8	70 - 130	30 m
n-Propylbenzene	ND	1.0	110	112	1.8	77	81	5.1	70 - 130	30
o-Xylene	ND	2.0	109	111	1.8	88	89	1.1	70 - 130	30
p-Isopropyltoluene	ND	1.0	112	115	2.6	86	89	3.4	70 - 130	30
sec-Butylbenzene	ND	1.0	109	111	1.8	89	91	2.2	70 - 130	30
Styrene	ND	5.0	109	112	2.7	70	71	1.4	70 - 130	30
tert-Butylbenzene	ND	1.0	108	111	2.7	100	102	2.0	70 - 130	30
Tetrachloroethene	ND	5.0	119	120	0.8	92	97	5.3	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	98	106	7.8	80	79	1.3	70 - 130	30
Toluene	ND	1.0	108	111	2.7	87	89	2.3	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	110	113	2.7	82	88	7.1	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	113	118	4.3	67	65	3.0	70 - 130	30 m
trans-1,4-dichloro-2-butene	ND	5.0	115	122	5.9	55	51	7.5	70 - 130	30 m
Trichloroethene	ND	5.0	115	118	2.6	87	92	5.6	70 - 130	30
Trichlorofluoromethane	ND	5.0	99	100	1.0	94	101	7.2	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	114	114	0.0	110	116	5.3	70 - 130	30
Vinyl chloride	ND	5.0	107	107	0.0	96	103	7.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	100	99	1.0	70 - 130	30
% Bromofluorobenzene	96	%	99	99	0.0	98	98	0.0	70 - 130	30
% Dibromofluoromethane	101	%	104	104	0.0	103	104	1.0	70 - 130	30
% Toluene-d8	99	%	99	100	1.0	100	99	1.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


 Phyllis Shiller, Laboratory Director
 May 07, 2025

Wednesday, May 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR48033 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

May 07, 2025

SDG I.D.: GCR48033

The samples in this delivery group were received at 2.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Friday, September 13, 2024 1:48 PM
To: Rebecca Merz
Cc: Sarah Bell
Subject: Re: [Ext] Newtown Project - Add Category B Deliverable

Yes. Every report under this Newton PO should get CatB deliverables. I believe this is five reports but can't confirm at this moment.

Sent from my iPhone

On Sep 13, 2024, at 1:45 PM, Rebecca Merz <rebeccam@phoenixlabs.com> wrote:

Hi Todd,

Got your message and want to confirm the list of SDGs you would like us to add a Category B Data Package to. Our records show five SDGs.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041

Please confirm this list is complete and we will get the data packages ordered for you.

Thank you,

Rebecca Merz

New England Sales Manager
Phoenix Environmental Laboratories, Inc.
860-212-9457 (mobile)
rebeccam@phoenixlabs.com
<https://www.phoenixlabs.com/>

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Wednesday, May 07, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCR48041
Sample ID#s: CR48041 - CR48050

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCR48041



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR48041

Labella Associates DPC NEWTON

Methodology Summary

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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May 07, 2025

SDG I.D.: GCR48041

Labella Associates DPC NEWTON

Laboratory Chronicle

The samples in this delivery group were received at 2.6°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR48041	Volatiles	08/23/24	08/26/24	08/26/24	MH	Y
CR48042	Arsenic	08/23/24	08/23/24	08/27/24	TH	Y
CR48042	Barium	08/23/24	08/23/24	08/27/24	TH	Y
CR48042	Cadmium	08/23/24	08/23/24	08/27/24	TH	Y
CR48042	Chromium	08/23/24	08/23/24	08/27/24	TH	Y
CR48042	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48042	Lead	08/23/24	08/23/24	08/27/24	TH	Y
CR48042	Mercury	08/23/24	08/27/24	08/27/24	ZT	Y
CR48042	Percent Solid	08/23/24	08/23/24	08/23/24	CV	Y
CR48042	Pesticides - Soil	08/23/24	08/29/24	08/30/24	AW	Y
CR48042	Polychlorinated Biphenyls	08/23/24	08/29/24	09/03/24	SC	Y
CR48042	Selenium	08/23/24	08/23/24	08/27/24	TH	Y
CR48042	Semivolatiles	08/23/24	08/28/24	08/29/24	MR	Y
CR48042	Silver	08/23/24	08/23/24	08/27/24	TH	Y
CR48042	Volatiles	08/23/24	08/26/24	08/26/24	JLI	Y
CR48043	Arsenic	08/23/24	08/23/24	08/27/24	TH	Y
CR48043	Barium	08/23/24	08/23/24	08/27/24	TH	Y
CR48043	Cadmium	08/23/24	08/23/24	08/27/24	TH	Y
CR48043	Chromium	08/23/24	08/23/24	08/27/24	TH	Y
CR48043	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48043	Lead	08/23/24	08/23/24	08/27/24	TH	Y
CR48043	Mercury	08/23/24	08/27/24	08/27/24	ZT	Y
CR48043	Percent Solid	08/23/24	08/23/24	08/23/24	CV	Y
CR48043	Pesticides - Soil	08/23/24	08/29/24	08/31/24	CN	Y
CR48043	Polychlorinated Biphenyls	08/23/24	08/29/24	08/30/24	SC	Y
CR48043	Selenium	08/23/24	08/23/24	08/27/24	TH	Y
CR48043	Semivolatiles	08/23/24	08/28/24	08/29/24	MR	Y
CR48043	Silver	08/23/24	08/23/24	08/27/24	TH	Y
CR48043	Volatiles	08/23/24	08/26/24	08/26/24	JLI	Y
CR48044	Arsenic	08/23/24	08/23/24	08/27/24	TH	Y
CR48044	Barium	08/23/24	08/23/24	08/27/24	TH	Y
CR48044	Cadmium	08/23/24	08/23/24	08/27/24	TH	Y



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May 07, 2025

SDG I.D.: GCR48041

Labella Associates DPC NEWTON

CR48044	Chromium	08/23/24	08/23/24	08/27/24	TH	Y
CR48044	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48044	Lead	08/23/24	08/23/24	08/27/24	TH	Y
CR48044	Mercury	08/23/24	08/27/24	08/27/24	ZT	Y
CR48044	Percent Solid	08/23/24	08/23/24	08/23/24	CV	Y
CR48044	Pesticides - Soil	08/23/24	08/29/24	08/30/24	AW	Y
CR48044	Polychlorinated Biphenyls	08/23/24	08/29/24	08/30/24	SC	Y
CR48044	Selenium	08/23/24	08/23/24	08/27/24	TH	Y
CR48044	Semivolatiles	08/23/24	08/28/24	08/29/24	MR	Y
CR48044	Silver	08/23/24	08/23/24	08/27/24	TH	Y
CR48044	Volatiles	08/23/24	08/26/24	08/26/24	JLI	Y
CR48045	Arsenic	08/23/24	08/23/24	08/27/24	TH	Y
CR48045	Barium	08/23/24	08/23/24	08/27/24	TH	Y
CR48045	Cadmium	08/23/24	08/23/24	08/27/24	TH	Y
CR48045	Chromium	08/23/24	08/23/24	08/27/24	TH	Y
CR48045	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48045	Lead	08/23/24	08/23/24	08/27/24	TH	Y
CR48045	Mercury	08/23/24	08/27/24	08/27/24	AL1	Y
CR48045	Percent Solid	08/23/24	08/23/24	08/23/24	CV	Y
CR48045	Pesticides - Soil	08/23/24	08/29/24	08/30/24	AW	Y
CR48045	Polychlorinated Biphenyls	08/23/24	08/29/24	08/30/24	SC	Y
CR48045	Selenium	08/23/24	08/23/24	08/27/24	TH	Y
CR48045	Semivolatiles	08/23/24	08/28/24	08/29/24	MR	Y
CR48045	Silver	08/23/24	08/23/24	08/27/24	TH	Y
CR48045	Volatiles	08/23/24	08/26/24	08/26/24	JLI	Y
CR48046	Arsenic	08/23/24	08/26/24	08/27/24	CPP	Y
CR48046	Barium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48046	Cadmium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48046	Chromium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48046	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48046	Lead	08/23/24	08/26/24	08/27/24	CPP	Y
CR48046	Mercury	08/23/24	08/27/24	08/27/24	AL1	Y
CR48046	Percent Solid	08/23/24	08/23/24	08/23/24	CV	Y
CR48046	Pesticides - Soil	08/23/24	08/29/24	08/30/24	CN	Y
CR48046	Polychlorinated Biphenyls	08/23/24	08/29/24	08/30/24	SC	Y
CR48046	Selenium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48046	Semivolatiles	08/23/24	08/28/24	08/29/24	MR	Y



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SDG I.D.: GCR48041

Labella Associates DPC NEWTON

CR48046	Silver	08/23/24	08/26/24	08/27/24	CPP	Y
CR48046	Volatiles	08/23/24	08/26/24	08/26/24	JLI	Y
CR48047	Arsenic	08/23/24	08/26/24	08/27/24	CPP	Y
CR48047	Barium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48047	Cadmium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48047	Chromium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48047	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48047	Lead	08/23/24	08/26/24	08/27/24	CPP	Y
CR48047	Mercury	08/23/24	08/27/24	08/27/24	AL1	Y
CR48047	Percent Solid	08/23/24	08/23/24	08/23/24	CV	Y
CR48047	Pesticides - Soil	08/23/24	08/30/24	09/03/24	AW	Y
CR48047	Polychlorinated Biphenyls	08/23/24	08/30/24	08/31/24	SC	Y
CR48047	Selenium	08/23/24	08/26/24	08/27/24	CPP	Y
CR48047	Semivolatiles	08/23/24	08/28/24	08/29/24	MR	Y
CR48047	Silver	08/23/24	08/26/24	08/27/24	CPP	Y
CR48047	Volatiles	08/23/24	08/26/24	08/26/24	JLI	Y
CR48048	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48048	Percent Solid	08/23/24	08/23/24	08/23/24	CV	Y
CR48048	Volatiles	08/23/24	08/26/24	08/26/24	JLI	Y
CR48049	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48049	Volatiles	08/23/24	08/25/24	08/25/24	JLI	Y
CR48050	Field Extraction	08/23/24	08/23/24	08/23/24		Y
CR48050	Volatiles	08/23/24	08/25/24	08/25/24	JLI	Y



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SDG Comments

May 07, 2025

SDG I.D.: GCR48041

Ver.3:

This report has been revised to include added analysis per client request.



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Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

May 07, 2025

SDG I.D.: GCR48041

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
EQUIPMENT BLANK	CR48041	GROUND WATER	08/23/24 8:00
SB-9/MW-9 8-9`	CR48042	SOIL	08/23/24 9:00
SB-9/MW-9 12-13`	CR48043	SOIL	08/23/24 9:05
SB-9/MW-9 13.5-15`	CR48044	SOIL	08/23/24 9:10
SB-10/MW-10 7-8`	CR48045	SOIL	08/23/24 13:05
SB-10/MW-10 15-16.5`	CR48046	SOIL	08/23/24 13:10
SB-10/MW-10 19-20`	CR48047	SOIL	08/23/24 13:15
DUP-3	CR48048	SOIL	08/23/24 0:00
TRIP BLANK LL	CR48049	SOIL	08/23/24 0:00
TRIP BLANK HL	CR48050	SOIL	08/23/24 0:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

08/23/24
08/23/24

Time

8:00
16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48041

Project ID: NEWTON
Client ID: EQUIPMENT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	08/26/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/26/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	08/26/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	08/26/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	08/26/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	08/26/24	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	08/26/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	08/26/24	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/26/24	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	08/26/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	08/26/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	08/26/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	08/26/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	08/26/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	08/26/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	08/26/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/26/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	08/26/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	08/26/24	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	08/26/24	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	08/26/24	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	08/26/24	MH	70 - 130 %

1

Project ID: NEWTON
Client ID: EQUIPMENT BLANK

Phoenix I.D.: CR48041

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	08/26/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/23/24 9:00
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48042

Project ID: NEWTON
Client ID: SB-9/MW-9 8-9`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Arsenic	2.04	* 0.77	0.77	mg/Kg	1	08/27/24	TH	SW6010D
Barium	15.8	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Cadmium	ND	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Chromium	5.33	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	ZT	SW7471B
Lead	5.38	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/27/24	TH	SW6010D
Percent Solid	84			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/23/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/23/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	09/03/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	91			%	10	09/03/24	SC	30 - 150 %
% DCBP (Confirmation)	78			%	10	09/03/24	SC	30 - 150 %
% TCMX	86			%	10	09/03/24	SC	30 - 150 %
% TCMX (Confirmation)	89			%	10	09/03/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	4.6	2.3	2.3	ug/Kg	2	08/30/24	AW	SW8081B
4,4' -DDE	18	2.3	2.3	ug/Kg	2	08/30/24	AW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/30/24	AW	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
a-Chlordane	9.2	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Chlordane	ND	39	39	ug/Kg	2	08/30/24	AW	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/30/24	AW	SW8081B
g-Chlordane	5.1	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	08/30/24	AW	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/30/24	AW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/30/24	AW	SW8081B

QA/QC Surrogates

% DCBP	76			%	2	08/30/24	AW	30 - 150 %
% DCBP (Confirmation)	63			%	2	08/30/24	AW	30 - 150 %
% TCMX	78			%	2	08/30/24	AW	30 - 150 %
% TCMX (Confirmation)	82			%	2	08/30/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
2-Chlorotoluene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
2-Hexanone	ND	27	5.4	ug/Kg	1	08/26/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
4-Chlorotoluene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	08/26/24	JLI	SW8260D
Acetone	ND	27	5.4	ug/Kg	1	08/26/24	JLI	SW8260D
Acrylonitrile	ND	11	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Benzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Bromobenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromoform	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromomethane	ND	5.4	2.2	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroethane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroform	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Chloromethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromomethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Ethylbenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
m&p-Xylene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.4	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methylene chloride	ND	11	5.4	ug/Kg	1	08/26/24	JLI	SW8260D
Naphthalene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
n-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
n-Propylbenzene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
o-Xylene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
sec-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Styrene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
tert-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/26/24	JLI	SW8260D
Toluene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Total Xylenes	ND	5.4	5.4	ug/Kg	1	08/26/24	JLI	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/26/24	JLI	SW8260D
Trichloroethene	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	08/26/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	08/26/24	JLI	70 - 130 %
% Toluene-d8	94			%	1	08/26/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	94	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	200	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	150	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	120	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	630	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	280	79	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	790	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	390	97	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	73			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	67			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	73			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	77			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

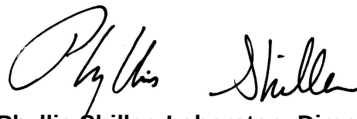
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/23/24 9:05
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48043

Project ID: NEWTON
Client ID: SB-9/MW-9 12-13`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	08/27/24	TH	SW6010D
Arsenic	1.54	* 0.80	0.80	mg/Kg	1	08/27/24	TH	SW6010D
Barium	19.6	0.40	0.40	mg/Kg	1	08/27/24	TH	SW6010D
Cadmium	ND	0.40	0.40	mg/Kg	1	08/27/24	TH	SW6010D
Chromium	6.84	0.40	0.40	mg/Kg	1	08/27/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	ZT	SW7471B
Lead	2.71	0.40	0.40	mg/Kg	1	08/27/24	TH	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	08/27/24	TH	SW6010D
Percent Solid	83			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/23/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/23/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	96			%	10	08/30/24	SC	30 - 150 %
% DCBP (Confirmation)	91			%	10	08/30/24	SC	30 - 150 %
% TCMX	88			%	10	08/30/24	SC	30 - 150 %
% TCMX (Confirmation)	86			%	10	08/30/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/31/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/31/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/31/24	CN	SW8081B
a-BHC	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	08/31/24	CN	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	08/31/24	CN	SW8081B
b-BHC	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Chlordane	ND	40	40	ug/Kg	2	08/31/24	CN	SW8081B
d-BHC	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	08/31/24	CN	SW8081B
Endosulfan I	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Endosulfan II	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Endosulfan sulfate	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Endrin	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Endrin aldehyde	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Endrin ketone	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/31/24	CN	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	08/31/24	CN	SW8081B
Heptachlor	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Heptachlor epoxide	ND	8.0	8.0	ug/Kg	2	08/31/24	CN	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	08/31/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/31/24	CN	SW8081B

QA/QC Surrogates

% DCBP	82			%	2	08/31/24	CN	30 - 150 %
% DCBP (Confirmation)	69			%	2	08/31/24	CN	30 - 150 %
% TCMX	73			%	2	08/31/24	CN	30 - 150 %
% TCMX (Confirmation)	76			%	2	08/31/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
2-Chlorotoluene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
2-Hexanone	ND	23	4.7	ug/Kg	1	08/26/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
4-Chlorotoluene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	23	4.7	ug/Kg	1	08/26/24	JLI	SW8260D
Acetone	ND	23	4.7	ug/Kg	1	08/26/24	JLI	SW8260D
Acrylonitrile	ND	9.4	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Benzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Bromobenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Bromochloromethane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Bromodichloromethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Bromoform	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Bromomethane	ND	4.7	1.9	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon Disulfide	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon tetrachloride	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Chlorobenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroethane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroform	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Chloromethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromochloromethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromomethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Ethylbenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Isopropylbenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
m&p-Xylene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	23	4.7	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.4	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Methylene chloride	ND	9.4	4.7	ug/Kg	1	08/26/24	JLI	SW8260D
Naphthalene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
n-Butylbenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
n-Propylbenzene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
o-Xylene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
sec-Butylbenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Styrene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
tert-Butylbenzene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrachloroethene	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.4	2.3	ug/Kg	1	08/26/24	JLI	SW8260D
Toluene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Total Xylenes	ND	4.7	4.7	ug/Kg	1	08/26/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.4	2.3	ug/Kg	1	08/26/24	JLI	SW8260D
Trichloroethene	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	0.94	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
Vinyl chloride	ND	4.7	0.47	ug/Kg	1	08/26/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	08/26/24	JLI	70 - 130 %
% Toluene-d8	93			%	1	08/26/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	94	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	200	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	150	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	120	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	630	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	280	79	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	790	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	390	97	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	76			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	68			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	70			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	74			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

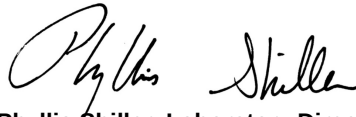
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/23/24 9:10
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48044

Project ID: NEWTON
Client ID: SB-9/MW-9 13.5-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Arsenic	ND	* 0.77	0.77	mg/Kg	1	08/27/24	TH	SW6010D
Barium	12.7	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Cadmium	ND	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Chromium	5.07	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	ZT	SW7471B
Lead	2.13	0.39	0.39	mg/Kg	1	08/27/24	TH	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/27/24	TH	SW6010D
Percent Solid	83			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/23/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/23/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	08/30/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	90			%	10	08/30/24	SC	30 - 150 %
% DCBP (Confirmation)	93			%	10	08/30/24	SC	30 - 150 %
% TCMX	87			%	10	08/30/24	SC	30 - 150 %
% TCMX (Confirmation)	84			%	10	08/30/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/30/24	AW	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/30/24	AW	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/30/24	AW	SW8081B
a-BHC	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	08/30/24	AW	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	08/30/24	AW	SW8081B
b-BHC	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Chlordane	ND	40	40	ug/Kg	2	08/30/24	AW	SW8081B
d-BHC	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan I	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan II	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan sulfate	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Endrin	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Endrin aldehyde	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Endrin ketone	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/30/24	AW	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	08/30/24	AW	SW8081B
Heptachlor	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Heptachlor epoxide	ND	8.0	8.0	ug/Kg	2	08/30/24	AW	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	08/30/24	AW	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/30/24	AW	SW8081B

QA/QC Surrogates

% DCBP	80			%	2	08/30/24	AW	30 - 150 %
% DCBP (Confirmation)	69			%	2	08/30/24	AW	30 - 150 %
% TCMX	71			%	2	08/30/24	AW	30 - 150 %
% TCMX (Confirmation)	79			%	2	08/30/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
2-Chlorotoluene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
2-Hexanone	ND	28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
4-Chlorotoluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Acetone	32	S 28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Acrylonitrile	ND	11	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Benzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Bromobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Bromochloromethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Bromodichloromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromoform	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromomethane	ND	5.6	2.2	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon Disulfide	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon tetrachloride	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Chlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroform	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Chloromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromochloromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromomethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Ethylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Isopropylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
m&p-Xylene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methylene chloride	ND	11	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Naphthalene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
n-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
n-Propylbenzene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
o-Xylene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
sec-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Styrene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
tert-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrachloroethene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	08/26/24	JLI	SW8260D
Toluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Total Xylenes	ND	5.6	5.6	ug/Kg	1	08/26/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	08/26/24	JLI	SW8260D
Trichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	08/26/24	JLI	70 - 130 %
% Toluene-d8	93			%	1	08/26/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	93	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	190	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	620	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	270	78	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	780	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	390	96	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	76			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	67			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	79			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	78			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/23/24 13:05
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48045

Project ID: NEWTON
Client ID: SB-10/MW-10 7-8`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	08/27/24	TH	SW6010D
Arsenic	3.65	* 0.72	0.72	mg/Kg	1	08/27/24	TH	SW6010D
Barium	40.2	0.36	0.36	mg/Kg	1	08/27/24	TH	SW6010D
Cadmium	ND	0.36	0.36	mg/Kg	1	08/27/24	TH	SW6010D
Chromium	11.3	0.36	0.36	mg/Kg	1	08/27/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	AL1	SW7471B
Lead	78.2	0.36	0.36	mg/Kg	1	08/27/24	TH	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	08/27/24	TH	SW6010D
Percent Solid	84			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/23/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/23/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	08/30/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	104			%	10	08/30/24	SC	30 - 150 %
% DCBP (Confirmation)	103			%	10	08/30/24	SC	30 - 150 %
% TCMX	87			%	10	08/30/24	SC	30 - 150 %
% TCMX (Confirmation)	84			%	10	08/30/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/30/24	AW	SW8081B
4,4' -DDE	6.9	2.4	2.4	ug/Kg	2	08/30/24	AW	SW8081B
4,4' -DDT	10	2.4	2.4	ug/Kg	2	08/30/24	AW	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Chlordane	ND	39	39	ug/Kg	2	08/30/24	AW	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/30/24	AW	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	08/30/24	AW	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	08/30/24	AW	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/30/24	AW	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/30/24	AW	SW8081B

QA/QC Surrogates

% DCBP	88			%	2	08/30/24	AW	30 - 150 %
% DCBP (Confirmation)	78			%	2	08/30/24	AW	30 - 150 %
% TCMX	76			%	2	08/30/24	AW	30 - 150 %
% TCMX (Confirmation)	80			%	2	08/30/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	340	69	ug/Kg	50	08/26/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	340	69	ug/Kg	50	08/26/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	340	69	ug/Kg	50	08/26/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	340	69	ug/Kg	50	08/26/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
2-Chlorotoluene	ND	340	69	ug/Kg	50	08/26/24	JLI	SW8260D
2-Hexanone	ND	29	5.8	ug/Kg	1	08/26/24	JLI	SW8260D
2-Isopropyltoluene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
4-Chlorotoluene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	08/26/24	JLI	SW8260D
Acetone	48	S 29	5.8	ug/Kg	1	08/26/24	JLI	SW8260D
Acrylonitrile	ND	12	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Benzene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Bromobenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Bromoform	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Bromomethane	ND	5.8	2.3	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon Disulfide	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon tetrachloride	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Chlorobenzene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroethane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroform	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Chloromethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromochloromethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromomethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Ethylbenzene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Hexachlorobutadiene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
Isopropylbenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
m&p-Xylene	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	5.8	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Methylene chloride	ND	12	5.8	ug/Kg	1	08/26/24	JLI	SW8260D
Naphthalene	ND	340	69	ug/Kg	50	08/26/24	JLI	SW8260D
n-Butylbenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
n-Propylbenzene	ND	340	69	ug/Kg	50	08/26/24	JLI	SW8260D
o-Xylene	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
p-Isopropyltoluene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
sec-Butylbenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
Styrene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
tert-Butylbenzene	ND	340	34	ug/Kg	50	08/26/24	JLI	SW8260D
Tetrachloroethene	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	08/26/24	JLI	SW8260D
Toluene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Total Xylenes	ND	5.8	5.8	ug/Kg	1	08/26/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	690	170	ug/Kg	50	08/26/24	JLI	SW8260D
Trichloroethene	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.8	1.2	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
Vinyl chloride	ND	5.8	0.58	ug/Kg	1	08/26/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	08/26/24	JLI	70 - 130 %
% Toluene-d8	92			%	1	08/26/24	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	95			%	50	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene (50x)	99			%	50	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	91			%	50	08/26/24	JLI	70 - 130 %
% Toluene-d8 (50x)	98			%	50	08/26/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	92	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	380	190	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	380	110	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	610	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	270	77	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	770	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	380	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	380	110	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	270	99	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	380	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	380	120	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	380	94	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	82			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	76			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	75			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	68			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	77			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	80			%	1	08/29/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:

There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time
08/23/24 13:10
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48046

Project ID: NEWTON
Client ID: SB-10/MW-10 15-16.5`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.43	0.43	mg/Kg	1	08/27/24	CPP	SW6010D
Arsenic	1.17	0.85	0.85	mg/Kg	1	08/27/24	CPP	SW6010D
Barium	17.1	0.43	0.43	mg/Kg	1	08/27/24	CPP	SW6010D
Cadmium	ND	0.43	0.43	mg/Kg	1	08/27/24	CPP	SW6010D
Chromium	7.87	0.43	0.43	mg/Kg	1	08/27/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	AL1	SW7471B
Lead	3.75	0.43	0.43	mg/Kg	1	08/27/24	CPP	SW6010D
Selenium	ND	1.7	1.5	mg/Kg	1	08/27/24	CPP	SW6010D
Percent Solid	77			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/23/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/29/24	C/A	SW3546
Soil Extraction for Pesticide	Completed					08/29/24	C/A	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/26/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1221	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1232	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1242	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1248	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1254	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1260	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1262	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A
PCB-1268	ND	420	420	ug/Kg	10	08/30/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	97			%	10	08/30/24	SC	30 - 150 %
% DCBP (Confirmation)	93			%	10	08/30/24	SC	30 - 150 %
% TCMX	88			%	10	08/30/24	SC	30 - 150 %
% TCMX (Confirmation)	87			%	10	08/30/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	2	08/30/24	CN	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	08/30/24	CN	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	08/30/24	CN	SW8081B
a-BHC	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	08/30/24	CN	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	08/30/24	CN	SW8081B
b-BHC	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Chlordane	ND	42	42	ug/Kg	2	08/30/24	CN	SW8081B
d-BHC	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan I	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan II	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Endosulfan sulfate	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Endrin	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Endrin aldehyde	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Endrin ketone	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	08/30/24	CN	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	08/30/24	CN	SW8081B
Heptachlor	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Heptachlor epoxide	ND	8.4	8.4	ug/Kg	2	08/30/24	CN	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	08/30/24	CN	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	08/30/24	CN	SW8081B

QA/QC Surrogates

% DCBP	87			%	2	08/30/24	CN	30 - 150 %
% DCBP (Confirmation)	63			%	2	08/30/24	CN	30 - 150 %
% TCMX	77			%	2	08/30/24	CN	30 - 150 %
% TCMX (Confirmation)	79			%	2	08/30/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
2-Chlorotoluene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
2-Hexanone	ND	27	5.5	ug/Kg	1	08/26/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
4-Chlorotoluene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	5.5	ug/Kg	1	08/26/24	JLI	SW8260D
Acetone	ND	27	5.5	ug/Kg	1	08/26/24	JLI	SW8260D
Acrylonitrile	ND	11	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Benzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Bromobenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Bromochloromethane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Bromodichloromethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromoform	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromomethane	ND	5.5	2.2	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon Disulfide	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon tetrachloride	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Chlorobenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroethane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroform	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Chloromethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromochloromethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromomethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Ethylbenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Isopropylbenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
m&p-Xylene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.5	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methylene chloride	ND	11	5.5	ug/Kg	1	08/26/24	JLI	SW8260D
Naphthalene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
n-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
n-Propylbenzene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
o-Xylene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
sec-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Styrene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
tert-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrachloroethene	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/26/24	JLI	SW8260D
Toluene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Total Xylenes	ND	5.5	5.5	ug/Kg	1	08/26/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/26/24	JLI	SW8260D
Trichloroethene	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
Vinyl chloride	ND	5.5	0.55	ug/Kg	1	08/26/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	08/26/24	JLI	70 - 130 %
% Toluene-d8	94			%	1	08/26/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	300	100	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	430	210	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	300	200	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	430	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	680	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	300	85	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	300	170	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	850	170	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	430	120	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	430	120	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	430	170	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	300	110	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	300	130	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	430	120	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	430	160	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	430	130	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	430	160	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	300	120	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	300	140	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	300	150	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	430	100	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	69			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	63			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	53			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	65			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	66			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

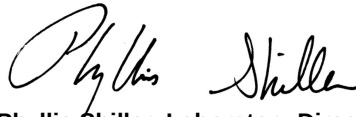
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/23/24 13:15
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48047

Project ID: NEWTON
Client ID: SB-10/MW-10 19-20`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	08/27/24	CPP	SW6010D
Arsenic	3.17	0.82	0.82	mg/Kg	1	08/27/24	CPP	SW6010D
Barium	32.0	0.41	0.41	mg/Kg	1	08/27/24	CPP	SW6010D
Cadmium	ND	0.41	0.41	mg/Kg	1	08/27/24	CPP	SW6010D
Chromium	9.19	0.41	0.41	mg/Kg	1	08/27/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/27/24	AL1	SW7471B
Lead	6.11	0.41	0.41	mg/Kg	1	08/27/24	CPP	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	08/27/24	CPP	SW6010D
Percent Solid	85			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/23/24		SW5035A
Mercury Digestion	Completed					08/27/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					08/30/24	C/X	SW3546
Soil Extraction for Pesticide	Completed					08/30/24	C/X	SW3546
Soil Extraction for SVOA	Completed					08/28/24	C/A	SW3546
Total Metals Digest	Completed					08/26/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1221	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1232	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1242	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1248	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1254	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1260	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1262	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A
PCB-1268	ND	380	380	ug/Kg	10	08/31/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	67			%	10	08/31/24	SC	30 - 150 %
% DCBP (Confirmation)	73			%	10	08/31/24	SC	30 - 150 %
% TCMX	53			%	10	08/31/24	SC	30 - 150 %
% TCMX (Confirmation)	54			%	10	08/31/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	09/03/24	AW	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	09/03/24	AW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	09/03/24	AW	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	09/03/24	AW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	09/03/24	AW	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	09/03/24	AW	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	09/03/24	AW	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	09/03/24	AW	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	09/03/24	AW	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	09/03/24	AW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	09/03/24	AW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	09/03/24	AW	SW8081B

QA/QC Surrogates

% DCBP	50			%	2	09/03/24	AW	30 - 150 %
% DCBP (Confirmation)	36			%	2	09/03/24	AW	30 - 150 %
% TCMX	35			%	2	09/03/24	AW	30 - 150 %
% TCMX (Confirmation)	38			%	2	09/03/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
2-Chlorotoluene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
2-Hexanone	ND	28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
4-Chlorotoluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Acetone	ND	28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Acrylonitrile	ND	11	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Benzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Bromobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Bromochloromethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Bromodichloromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromoform	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Bromomethane	ND	5.6	2.3	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon Disulfide	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon tetrachloride	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Chlorobenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroform	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Chloromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromochloromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromomethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Ethylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Isopropylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
m&p-Xylene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Methylene chloride	ND	11	5.6	ug/Kg	1	08/26/24	JLI	SW8260D
Naphthalene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
n-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
n-Propylbenzene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
o-Xylene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
sec-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Styrene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
tert-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrachloroethene	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	08/26/24	JLI	SW8260D
Toluene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Total Xylenes	ND	5.6	5.6	ug/Kg	1	08/26/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	08/26/24	JLI	SW8260D
Trichloroethene	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	08/26/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	08/26/24	JLI	70 - 130 %
% Toluene-d8	93			%	1	08/26/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	91	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	99	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	380	190	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	380	110	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	610	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	270	76	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	760	150	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	380	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	380	110	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	270	98	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	380	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	380	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	380	110	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	380	140	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	380	93	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	66			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	65			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	58			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	68			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	69			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

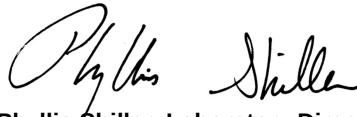
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/23/24
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48048

Project ID: NEWTON
Client ID: DUP-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85			%		08/23/24	CV	SW846-%Solid
Field Extraction	Completed					08/23/24		SW5035A

1

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloroethene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,1-Dichloropropene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dibromoethane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichloroethane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,2-Dichloropropane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
1,3-Dichloropropane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
2,2-Dichloropropane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
2-Chlorotoluene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
2-Hexanone	ND	16	3.3	ug/Kg	1	08/26/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
4-Chlorotoluene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	16	3.3	ug/Kg	1	08/26/24	JLI	SW8260D
Acetone	ND	16	3.3	ug/Kg	1	08/26/24	JLI	SW8260D
Acrylonitrile	ND	6.6	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Benzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Bromobenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Bromochloromethane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Bromodichloromethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Bromoform	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Bromomethane	ND	3.3	1.3	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon Disulfide	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Carbon tetrachloride	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Chlorobenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroethane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Chloroform	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Chloromethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromochloromethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Dibromomethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Dichlorodifluoromethane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Ethylbenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Hexachlorobutadiene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Isopropylbenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
m&p-Xylene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	16	3.3	ug/Kg	1	08/26/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	6.6	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Methylene chloride	ND	6.6	3.3	ug/Kg	1	08/26/24	JLI	SW8260D
Naphthalene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
n-Butylbenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
n-Propylbenzene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
o-Xylene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
p-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
sec-Butylbenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Styrene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
tert-Butylbenzene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrachloroethene	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	6.6	1.6	ug/Kg	1	08/26/24	JLI	SW8260D
Toluene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Total Xylenes	ND	3.3	3.3	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	6.6	1.6	ug/Kg	1	08/26/24	JLI	SW8260D
Trichloroethene	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorofluoromethane	ND	3.3	0.66	ug/Kg	1	08/26/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D
Vinyl chloride	ND	3.3	0.33	ug/Kg	1	08/26/24	JLI	SW8260D

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	107			%	1	08/26/24	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	08/26/24	JLI	70 - 130 %
% Dibromofluoromethane	108			%	1	08/26/24	JLI	70 - 130 %
% Toluene-d8	93			%	1	08/26/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

08/23/24

Time

16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48049

Project ID: NEWTON
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/23/24		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
2-Hexanone	ND	25	5.0	ug/Kg	1	08/25/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/25/24	JLI	SW8260D
Acetone	ND	25	5.0	ug/Kg	1	08/25/24	JLI	SW8260D
Acrylonitrile	ND	10	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Benzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Bromoform	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/25/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Chloroform	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.0	ug/Kg	1	08/25/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Methylene chloride	ND	10	5.0	ug/Kg	1	08/25/24	JLI	SW8260D
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Styrene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/25/24	JLI	SW8260D
Toluene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Total Xylenes	ND	5.0	5.0	ug/Kg	1	08/25/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/25/24	JLI	SW8260D
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/25/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/25/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/25/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	100			%	1	08/25/24	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	08/25/24	JLI	70 - 130 %
% Toluene-d8	93			%	1	08/25/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

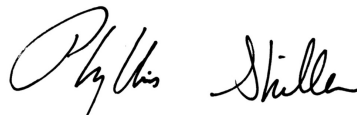
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/23/24
08/23/24 16:42

Laboratory Data

SDG ID: GCR48041
Phoenix ID: CR48050

Project ID: NEWTON
Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/23/24		SW5035A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,1-Dichloroethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,1-Dichloroethene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,1-Dichloropropene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,2-Dibromoethane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,2-Dichloroethane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,2-Dichloropropane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
1,3-Dichloropropane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
2,2-Dichloropropane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
2-Chlorotoluene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
2-Hexanone	ND	1300	250	ug/Kg	50	08/25/24	JLI	SW8260D
2-Isopropyltoluene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	08/25/24	JLI	SW8260D
Acetone	ND	5000	250	ug/Kg	50	08/25/24	JLI	SW8260D
Acrylonitrile	ND	500	25	ug/Kg	50	08/25/24	JLI	SW8260D
Benzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Bromobenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Bromochloromethane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Bromodichloromethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Bromoform	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Bromomethane	ND	250	100	ug/Kg	50	08/25/24	JLI	SW8260D
Carbon Disulfide	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Carbon tetrachloride	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Chlorobenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Chloroethane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Chloroform	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Chloromethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Dibromochloromethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Dibromomethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Ethylbenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Hexachlorobutadiene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Isopropylbenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
m&p-Xylene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	3000	250	ug/Kg	50	08/25/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Methylene chloride	ND	500	250	ug/Kg	50	08/25/24	JLI	SW8260D
Naphthalene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
n-Butylbenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
n-Propylbenzene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
o-Xylene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
p-Isopropyltoluene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
sec-Butylbenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Styrene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
tert-Butylbenzene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Tetrachloroethene	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	08/25/24	JLI	SW8260D
Toluene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Total Xylenes	ND	250	250	ug/Kg	50	08/25/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	08/25/24	JLI	SW8260D
Trichloroethene	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Trichlorofluoromethane	ND	250	50	ug/Kg	50	08/25/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
Vinyl chloride	ND	250	25	ug/Kg	50	08/25/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (50x)	94			%	50	08/25/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	99			%	50	08/25/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	98			%	50	08/25/24	JLI	70 - 130 %
% Toluene-d8 (50x)	93			%	50	08/25/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

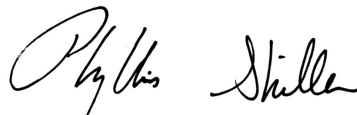
Comments:

TRIP BLANK INCLUDED.

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If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

CLIENT ID
EQUIPMENT BLANK

Client: LABELLA

SAS No.:

SDG No.: GCR4804:

Lab Sample ID: CR48041

Lab File ID: 0826_10.D

Date Received: 08/23/24

Date Analyzed: 08/26/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

SB-9/MW-9 12-13`

SB-9/MW-9 13.5-15`

CLIENT ID

DUP-3

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GCR4804:

Matrix:(soil/water) SOIL

Lab Sample ID: CR48048

Sample wt/vol: 8.868 (g/mL) g

Lab File ID: 0825_24.D

Level: (low/med) Low

Date Received: 08/23/24

% Moisture: not dec.	15
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Date Analyzed: 08/26/24

GC Column: RTX-VMS ID: 0.18mm

Dilution Factor: 1

Purge Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

TRIP BLANK LL

TRIP BLANK HL

Page 66 of 81



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 746452 (mg/kg), QC Sample No: CR48036 (CR48042, CR48043, CR48044)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	86.6	84.1	2.9	99.8	96.6	3.3	75 - 125	30
QA/QC Batch 746453 (mg/kg), QC Sample No: CR48045 (CR48045, CR48046, CR48047)													
Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	87.5	91.0	3.9	93.5	92.8	0.8	75 - 125	30
QA/QC Batch 746200 (mg/kg), QC Sample No: CR47889 (CR48042, CR48043, CR48044, CR48045)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.67	5.14	8.48	49.0	98.2	95.4	2.9	93.0			80 - 120	30
Barium	BRL	0.33	32.4	36.0	10.5	91.9	92.2	0.3	97.8			80 - 120	30
Cadmium	BRL	0.33	0.43	0.44	NC	101	96.3	4.8	92.7			80 - 120	30
Chromium	BRL	0.33	19.6	22.1	12.0	94.6	95.0	0.4	98.0			80 - 120	30
Lead	BRL	0.33	57.0	56.2	1.40	93.8	91.4	2.6	98.8			80 - 120	30
Selenium	BRL	1.3	<1.3	<1.3	NC	86.4	85.8	0.7	85.5			80 - 120	30
Silver	BRL	0.33	<0.33	<0.33	NC	97.0	92.7	4.5	96.0			70 - 130	30
QA/QC Batch 746365 (mg/kg), QC Sample No: CR48046 (CR48046, CR48047)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.67	1.17	1.10	NC	94.0	98.1	4.3	95.1			80 - 120	30
Barium	BRL	0.33	17.1	16.9	1.20	105	105	0.0	117			80 - 120	30
Cadmium	BRL	0.33	<0.43	<0.43	NC	99.8	103	3.2	97.2			80 - 120	30
Chromium	BRL	0.33	7.87	7.66	2.70	101	106	4.8	102			80 - 120	30
Lead	BRL	0.33	3.75	3.61	3.80	96.2	102	5.9	97.1			80 - 120	30
Selenium	BRL	1.3	<1.7	<1.7	NC	83.9	85.5	1.9	81.2			80 - 120	30
Silver	BRL	0.33	<0.43	<0.43	NC	96.9	99.4	2.5	97.5			70 - 130	30

r = This parameter is outside laboratory RPD specified recovery limits.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 747028 (ug/Kg), QC Sample No: CR48036 (CR48042, CR48043, CR48044, CR48045, CR48046)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	92	88	4.4	94	89	5.5	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	99	90	9.5	91	84	8.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	84	%	101	95	6.1	96	88	8.7	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	86	%	105	98	6.9	99	90	9.5	30 - 150	30
% TCMX (Surrogate Rec)	80	%	96	90	6.5	89	82	8.2	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	77	%	96	89	7.6	88	82	7.1	30 - 150	30

QA/QC Batch 747209 (ug/Kg), QC Sample No: CR52284 (CR48047)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	77	59	26.5	57	59	3.4	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	71	56	23.6	53	53	0.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	81	%	83	66	22.8	63	63	0.0	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	84	%	84	67	22.5	63	63	0.0	30 - 150	30
% TCMX (Surrogate Rec)	71	%	81	63	25.0	60	59	1.7	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	75	%	82	64	24.7	63	62	1.6	30 - 150	30

QA/QC Batch 747029 (ug/Kg), QC Sample No: CR48036 (CR48042, CR48043, CR48044, CR48045, CR48046)

Pesticides - Soil

4,4' -DDD	ND	1.7	64	78	19.7	68	59	14.2	40 - 140	30
4,4' -DDE	ND	1.7	69	81	16.0	73	64	13.1	40 - 140	30
4,4' -DDT	ND	1.7	55	63	13.6	65	57	13.1	40 - 140	30
a-BHC	ND	1.0	71	81	13.2	75	65	14.3	40 - 140	30
a-Chlordane	ND	3.3	74	81	9.0	77	67	13.9	40 - 140	30
Aldrin	ND	1.0	72	83	14.2	76	66	14.1	40 - 140	30
b-BHC	ND	1.0	68	78	13.7	71	62	13.5	40 - 140	30
Chlordane	ND	3.3	72	84	15.4	77	67	13.9	40 - 140	30
d-BHC	ND	3.3	61	71	15.2	63	54	15.4	40 - 140	30
Dieldrin	ND	1.0	75	88	16.0	79	69	13.5	40 - 140	30

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endosulfan I	ND	3.3	75	89	17.1	79	69	13.5	40 - 140	30
Endosulfan II	ND	3.3	77	90	15.6	80	70	13.3	40 - 140	30
Endosulfan sulfate	ND	3.3	75	85	12.5	79	67	16.4	40 - 140	30
Endrin	ND	3.3	80	97	19.2	85	74	13.8	40 - 140	30
Endrin aldehyde	ND	3.3	63	71	11.9	64	56	13.3	40 - 140	30
Endrin ketone	ND	3.3	74	86	15.0	80	69	14.8	40 - 140	30
g-BHC	ND	1.0	69	79	13.5	73	63	14.7	40 - 140	30
g-Chlordane	ND	3.3	72	84	15.4	77	67	13.9	40 - 140	30
Heptachlor	ND	3.3	62	70	12.1	64	58	9.8	40 - 140	30
Heptachlor epoxide	ND	3.3	65	75	14.3	69	60	14.0	40 - 140	30
Methoxychlor	ND	3.3	55	59	7.0	66	60	9.5	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	70	%	69	78	12.2	70	64	9.0	30 - 150	30
% DCBP (Confirmation)	64	%	60	70	15.4	61	52	15.9	30 - 150	30
% TCMX	67	%	65	75	14.3	68	60	12.5	30 - 150	30
% TCMX (Confirmation)	72	%	69	79	13.5	72	62	14.9	30 - 150	30

QA/QC Batch 747212 (ug/Kg), QC Sample No: CR52284 (CR48047)

Pesticides - Soil

4,4' -DDD	ND	1.7	51	57	11.1	75	85	12.5	40 - 140	30	
4,4' -DDE	ND	1.7	50	56	11.3	72	129	56.7	40 - 140	30	r
4,4' -DDT	ND	1.7	53	59	10.7	88	81	8.3	40 - 140	30	
a-BHC	ND	1.0	48	54	11.8	84	77	8.7	40 - 140	30	
a-Chlordane	ND	3.3	49	54	9.7	77	146	61.9	40 - 140	30	r
Aldrin	ND	1.0	49	55	11.5	66	63	4.7	40 - 140	30	
b-BHC	ND	1.0	46	50	8.3	79	72	9.3	40 - 140	30	
Chlordane	ND	33	48	54	11.8	75	87	14.8	40 - 140	30	
d-BHC	ND	3.3	36	51	34.5	63	59	6.6	40 - 140	30	l,r
Dieldrin	ND	1.0	49	56	13.3	71	70	1.4	40 - 140	30	
Endosulfan I	ND	3.3	53	64	18.8	79	90	13.0	40 - 140	30	
Endosulfan II	ND	3.3	49	58	16.8	73	66	10.1	40 - 140	30	
Endosulfan sulfate	ND	3.3	50	57	13.1	80	71	11.9	40 - 140	30	
Endrin	ND	3.3	48	54	11.8	66	49	29.6	40 - 140	30	
Endrin aldehyde	ND	3.3	43	49	13.0	58	49	16.8	40 - 140	30	
Endrin ketone	ND	3.3	60	68	12.5	101	77	27.0	40 - 140	30	
g-BHC	ND	1.0	52	60	14.3	94	79	17.3	40 - 140	30	
g-Chlordane	ND	3.3	48	54	11.8	75	87	14.8	40 - 140	30	
Heptachlor	ND	3.3	49	55	11.5	76	80	5.1	40 - 140	30	
Heptachlor epoxide	ND	3.3	48	54	11.8	73	68	7.1	40 - 140	30	
Methoxychlor	ND	3.3	47	53	12.0	77	72	6.7	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	77	%	63	71	11.9	96	110	13.6	30 - 150	30	
% DCBP (Confirmation)	64	%	53	59	10.7	85	81	4.8	30 - 150	30	
% TCMX	56	%	48	51	6.1	107	88	19.5	30 - 150	30	
% TCMX (Confirmation)	63	%	53	57	7.3	143	115	21.7	30 - 150	30	

QA/QC Batch 746778 (ug/kg), QC Sample No: CR48036 (CR48042, CR48043, CR48044, CR48045, CR48046, CR48047)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	52	51	1.9	52	58	10.9	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	52	54	3.8	53	61	14.0	30 - 130	30
1,2-Dichlorobenzene	ND	180	51	51	0.0	52	60	14.3	30 - 130	30
1,2-Diphenylhydrazine	ND	230	62	58	6.7	60	66	9.5	30 - 130	30
1,3-Dichlorobenzene	ND	230	48	49	2.1	50	58	14.8	30 - 130	30
1,4-Dichlorobenzene	ND	230	49	50	2.0	51	58	12.8	30 - 130	30

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2,2'-Oxybis(1-Chloropropane)	ND	230	48	44	8.7	46	52	12.2	30 - 130	30
2,4,5-Trichlorophenol	ND	230	67	61	9.4	64	71	10.4	30 - 130	30
2,4,6-Trichlorophenol	ND	130	71	64	10.4	66	74	11.4	30 - 130	30
2,4-Dichlorophenol	ND	130	69	60	14.0	63	70	10.5	30 - 130	30
2,4-Dimethylphenol	ND	230	76	65	15.6	70	77	9.5	30 - 130	30
2,4-Dinitrophenol	ND	230	92	70	27.2	67	69	2.9	30 - 130	30
2,4-Dinitrotoluene	ND	130	72	66	8.7	67	71	5.8	30 - 130	30
2,6-Dinitrotoluene	ND	130	77	70	9.5	72	78	8.0	30 - 130	30
2-Chloronaphthalene	ND	230	62	60	3.3	62	69	10.7	30 - 130	30
2-Chlorophenol	ND	230	75	62	19.0	67	74	9.9	30 - 130	30
2-Methylnaphthalene	ND	230	60	57	5.1	58	65	11.4	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	77	56	31.6	67	73	8.6	30 - 130	30
2-Nitroaniline	ND	330	94	78	18.6	83	89	7.0	30 - 130	30
2-Nitrophenol	ND	230	68	61	10.9	56	61	8.5	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	79	63	22.5	71	77	8.1	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	77	71	8.1	74	82	10.3	30 - 130	30
3-Nitroaniline	ND	330	89	75	17.1	81	85	4.8	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	86	73	16.4	73	76	4.0	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	61	59	3.3	63	68	7.6	30 - 130	30
4-Chloro-3-methylphenol	ND	230	75	64	15.8	69	75	8.3	30 - 130	30
4-Chloroaniline	ND	230	68	58	15.9	63	67	6.2	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	61	59	3.3	62	68	9.2	30 - 130	30
4-Nitroaniline	ND	230	76	65	15.6	71	77	8.1	30 - 130	30
4-Nitrophenol	ND	230	90	76	16.9	84	89	5.8	30 - 130	30
Acenaphthene	ND	230	64	61	4.8	63	69	9.1	30 - 130	30
Acenaphthylene	ND	130	58	55	5.3	57	63	10.0	30 - 130	30
Acetophenone	ND	230	64	54	16.9	58	65	11.4	30 - 130	30
Aniline	ND	330	51	52	1.9	55	63	13.6	30 - 130	30
Anthracene	ND	230	64	63	1.6	65	70	7.4	30 - 130	30
Benz(a)anthracene	ND	230	61	60	1.7	61	67	9.4	30 - 130	30
Benzidine	ND	330	34	60	55.3	46	57	21.4	30 - 130	30
Benzo(a)pyrene	ND	130	63	63	0.0	61	66	7.9	30 - 130	30
Benzo(b)fluoranthene	ND	160	58	57	1.7	56	62	10.2	30 - 130	30
Benzo(ghi)perylene	ND	230	68	69	1.5	59	63	6.6	30 - 130	30
Benzo(k)fluoranthene	ND	230	58	57	1.7	56	62	10.2	30 - 130	30
Benzoic Acid	ND	670	80	56	35.3	43	26	49.3	30 - 130	30
Benzyl butyl phthalate	ND	230	67	64	4.6	69	76	9.7	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	65	58	11.4	61	67	9.4	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	61	54	12.2	57	64	11.6	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	62	65	4.7	68	75	9.8	30 - 130	30
Carbazole	ND	230	66	61	7.9	66	70	5.9	30 - 130	30
Chrysene	ND	230	58	58	0.0	59	64	8.1	30 - 130	30
Dibenz(a,h)anthracene	ND	130	66	67	1.5	61	66	7.9	30 - 130	30
Dibenzofuran	ND	230	65	62	4.7	64	70	9.0	30 - 130	30
Diethyl phthalate	ND	230	72	63	13.3	69	74	7.0	30 - 130	30
Dimethylphthalate	ND	230	71	62	13.5	67	72	7.2	30 - 130	30
Di-n-butylphthalate	ND	670	64	62	3.2	66	72	8.7	30 - 130	30
Di-n-octylphthalate	ND	230	69	74	7.0	78	87	10.9	30 - 130	30
Fluoranthene	ND	230	64	62	3.2	65	70	7.4	30 - 130	30
Fluorene	ND	230	64	62	3.2	64	70	9.0	30 - 130	30
Hexachlorobenzene	ND	130	57	58	1.7	60	65	8.0	30 - 130	30
Hexachlorobutadiene	ND	230	50	55	9.5	54	61	12.2	30 - 130	30
Hexachlorocyclopentadiene	ND	230	<10	46	NC	<10	16	NC	30 - 130	30

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachloroethane	ND	130	49	52	5.9	51	59	14.5	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	63	64	1.6	56	60	6.9	30 - 130	30
Isophorone	ND	130	61	54	12.2	56	62	10.2	30 - 130	30
Naphthalene	ND	230	58	56	3.5	57	66	14.6	30 - 130	30
Nitrobenzene	ND	130	68	58	15.9	63	70	10.5	30 - 130	30
N-Nitrosodimethylamine	ND	230	70	56	22.2	60	66	9.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	67	56	17.9	62	68	9.2	30 - 130	30
N-Nitrosodiphenylamine	ND	130	65	60	8.0	65	71	8.8	30 - 130	30
Pentachloronitrobenzene	ND	230	58	58	0.0	60	65	8.0	30 - 130	30
Pentachlorophenol	ND	230	69	61	12.3	67	73	8.6	30 - 130	30
Phenanthrene	ND	130	63	60	4.9	64	68	6.1	30 - 130	30
Phenol	ND	230	91	65	33.3	73	79	7.9	30 - 130	30
Pyrene	ND	230	63	60	4.9	63	68	7.6	30 - 130	30
Pyridine	ND	230	52	45	14.4	48	53	9.9	30 - 130	30
% 2,4,6-Tribromophenol	73	%	63	57	10.0	60	66	9.5	30 - 130	30
% 2-Fluorobiphenyl	68	%	59	57	3.4	58	65	11.4	30 - 130	30
% 2-Fluorophenol	71	%	71	58	20.2	63	69	9.1	30 - 130	30
% Nitrobenzene-d5	63	%	65	56	14.9	60	67	11.0	30 - 130	30
% Phenol-d5	72	%	78	59	27.7	66	71	7.3	30 - 130	30
% Terphenyl-d14	72	%	58	57	1.7	58	66	12.9	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 746499 (ug/kg), QC Sample No: CR47747 (CR48042, CR48043, CR48044, CR48045, CR48046, CR48047, CR48048, CR48049)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	106	108	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	100	102	2.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	91	91	0.0				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	99	99	0.0				70 - 130	30
1,1-Dichloroethane	ND	5.0	90	91	1.1				70 - 130	30
1,1-Dichloroethene	ND	5.0	98	98	0.0				70 - 130	30
1,1-Dichloropropene	ND	5.0	101	103	2.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	102	106	3.8				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	84	86	2.4				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	99	102	3.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	96	101	5.1				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	106	109	2.8				70 - 130	30
1,2-Dibromoethane	ND	5.0	99	102	3.0				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	97	101	4.0				70 - 130	30
1,2-Dichloroethane	ND	5.0	98	98	0.0				70 - 130	30
1,2-Dichloropropane	ND	5.0	92	94	2.2				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	96	100	4.1				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	96	100	4.1				70 - 130	30
1,3-Dichloropropane	ND	5.0	94	97	3.1				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	97	99	2.0				70 - 130	30
2,2-Dichloropropane	ND	5.0	105	108	2.8				70 - 130	30
2-Chlorotoluene	ND	5.0	97	101	4.0				70 - 130	30
2-Hexanone	ND	25	81	81	0.0				70 - 130	30
2-Isopropyltoluene	ND	5.0	99	104	4.9				70 - 130	30
4-Chlorotoluene	ND	5.0	96	99	3.1				70 - 130	30
4-Methyl-2-pentanone	ND	25	92	94	2.2				70 - 130	30

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acetone	ND	10	73	74	1.4				70 - 130	30
Acrylonitrile	ND	5.0	83	80	3.7				70 - 130	30
Benzene	ND	1.0	97	97	0.0				70 - 130	30
Bromobenzene	ND	5.0	100	103	3.0				70 - 130	30
Bromochloromethane	ND	5.0	98	97	1.0				70 - 130	30
Bromodichloromethane	ND	5.0	104	104	0.0				70 - 130	30
Bromoform	ND	5.0	111	112	0.9				70 - 130	30
Bromomethane	ND	5.0	100	99	1.0				70 - 130	30
Carbon Disulfide	ND	5.0	96	97	1.0				70 - 130	30
Carbon tetrachloride	ND	5.0	101	107	5.8				70 - 130	30
Chlorobenzene	ND	5.0	102	103	1.0				70 - 130	30
Chloroethane	ND	5.0	95	95	0.0				70 - 130	30
Chloroform	ND	5.0	91	92	1.1				70 - 130	30
Chloromethane	ND	5.0	94	94	0.0				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	96	97	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	105	106	0.9				70 - 130	30
Dibromochloromethane	ND	3.0	106	108	1.9				70 - 130	30
Dibromomethane	ND	5.0	100	99	1.0				70 - 130	30
Dichlorodifluoromethane	ND	5.0	89	91	2.2				70 - 130	30
Ethylbenzene	ND	1.0	100	105	4.9				70 - 130	30
Hexachlorobutadiene	ND	5.0	105	116	10.0				70 - 130	30
Isopropylbenzene	ND	1.0	98	103	5.0				70 - 130	30
m&p-Xylene	ND	2.0	99	102	3.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	77	76	1.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	94	94	0.0				70 - 130	30
Methylene chloride	ND	5.0	88	88	0.0				70 - 130	30
Naphthalene	ND	5.0	100	102	2.0				70 - 130	30
n-Butylbenzene	ND	1.0	98	104	5.9				70 - 130	30
n-Propylbenzene	ND	1.0	101	106	4.8				70 - 130	30
o-Xylene	ND	2.0	101	103	2.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	99	105	5.9				70 - 130	30
sec-Butylbenzene	ND	1.0	95	101	6.1				70 - 130	30
Styrene	ND	5.0	99	101	2.0				70 - 130	30
tert-Butylbenzene	ND	1.0	97	103	6.0				70 - 130	30
Tetrachloroethene	ND	5.0	112	117	4.4				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	81	82	1.2				70 - 130	30
Toluene	ND	1.0	101	103	2.0				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	99	100	1.0				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	108	108	0.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	106	108	1.9				70 - 130	30
Trichloroethene	ND	5.0	108	110	1.8				70 - 130	30
Trichlorofluoromethane	ND	5.0	94	98	4.2				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	103	108	4.7				70 - 130	30
Vinyl chloride	ND	5.0	89	90	1.1				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	103	102	1.0				70 - 130	30
% Bromofluorobenzene	101	%	99	99	0.0				70 - 130	30
% Dibromofluoromethane	107	%	103	101	2.0				70 - 130	30
% Toluene-d8	93	%	102	101	1.0				70 - 130	30

Comment:

The MS/MSD are not reported for this batch.

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	%	%
		RL							Rec Limits	RPD Limits
QA/QC Batch 746499H (ug/kg), QC Sample No: CR47747 (CR48050 (50X))										
<u>Volatiles - Soil (High Level)</u>										
1,1,1,2-Tetrachloroethane	ND	5.0	112	109	2.7				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	104	100	3.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	5.0	101	101	0.0				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	103	104	1.0				70 - 130	30
1,1-Dichloroethane	ND	5.0	93	90	3.3				70 - 130	30
1,1-Dichloroethene	ND	5.0	97	94	3.1				70 - 130	30
1,1-Dichloropropene	ND	5.0	109	108	0.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	119	119	0.0				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	93	93	0.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	117	118	0.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	5.0	112	112	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	115	116	0.9				70 - 130	30
1,2-Dibromoethane	ND	5.0	107	105	1.9				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	112	112	0.0				70 - 130	30
1,2-Dichloroethane	ND	5.0	104	103	1.0				70 - 130	30
1,2-Dichloropropane	ND	5.0	100	100	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	5.0	111	112	0.9				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	110	112	1.8				70 - 130	30
1,3-Dichloropropane	ND	5.0	101	101	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	113	113	0.0				70 - 130	30
2,2-Dichloropropane	ND	5.0	107	103	3.8				70 - 130	30
2-Chlorotoluene	ND	5.0	111	112	0.9				70 - 130	30
2-Hexanone	ND	25	85	85	0.0				70 - 130	30
2-Isopropyltoluene	ND	5.0	116	116	0.0				70 - 130	30
4-Chlorotoluene	ND	5.0	111	111	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	25	96	95	1.0				70 - 130	30
Acetone	ND	10	67	62	7.8				70 - 130	30
Acrylonitrile	ND	5.0	88	81	8.3				70 - 130	30
Benzene	ND	5.0	103	103	0.0				70 - 130	30
Bromobenzene	ND	5.0	112	113	0.9				70 - 130	30
Bromochloromethane	ND	5.0	100	97	3.0				70 - 130	30
Bromodichloromethane	ND	5.0	109	107	1.9				70 - 130	30
Bromoform	ND	5.0	107	106	0.9				70 - 130	30
Bromomethane	ND	5.0	89	85	4.6				70 - 130	30
Carbon Disulfide	ND	5.0	91	89	2.2				70 - 130	30
Carbon tetrachloride	ND	5.0	104	99	4.9				70 - 130	30
Chlorobenzene	ND	5.0	109	109	0.0				70 - 130	30
Chloroethane	ND	5.0	52	50	3.9				70 - 130	30
Chloroform	ND	5.0	94	92	2.2				70 - 130	30
Chloromethane	ND	5.0	97	96	1.0				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	99	97	2.0				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	110	109	0.9				70 - 130	30
Dibromochloromethane	ND	3.0	111	111	0.0				70 - 130	30
Dibromomethane	ND	5.0	105	106	0.9				70 - 130	30
Dichlorodifluoromethane	ND	5.0	94	91	3.2				70 - 130	30
Ethylbenzene	ND	5.0	111	110	0.9				70 - 130	30
Hexachlorobutadiene	ND	5.0	131	132	0.8				70 - 130	30
Isopropylbenzene	ND	5.0	113	114	0.9				70 - 130	30
m&p-Xylene	ND	5.0	110	109	0.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	80	80	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	5.0	97	93	4.2				70 - 130	30
Methylene chloride	ND	5.0	86	87	1.2				70 - 130	30
Naphthalene	ND	5.0	113	114	0.9				70 - 130	30
n-Butylbenzene	ND	5.0	119	119	0.0				70 - 130	30
n-Propylbenzene	ND	5.0	117	117	0.0				70 - 130	30
o-Xylene	ND	5.0	111	109	1.8				70 - 130	30
p-Isopropyltoluene	ND	5.0	118	119	0.8				70 - 130	30
sec-Butylbenzene	ND	5.0	111	113	1.8				70 - 130	30
Styrene	ND	5.0	108	107	0.9				70 - 130	30
tert-Butylbenzene	ND	5.0	112	113	0.9				70 - 130	30
Tetrachloroethene	ND	5.0	125	124	0.8				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	85	80	6.1				70 - 130	30
Toluene	ND	5.0	109	109	0.0				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	103	100	3.0				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	111	109	1.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	112	111	0.9				70 - 130	30
Trichloroethene	ND	5.0	112	111	0.9				70 - 130	30
Trichlorofluoromethane	ND	5.0	71	66	7.3				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	107	106	0.9				70 - 130	30
Vinyl chloride	ND	5.0	92	88	4.4				70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	102	102	0.0				70 - 130	30
% Bromofluorobenzene	99	%	98	98	0.0				70 - 130	30
% Dibromofluoromethane	99	%	99	94	5.2				70 - 130	30
% Toluene-d8	94	%	101	101	0.0				70 - 130	30

QA/QC Batch 746736 (ug/L), QC Sample No: CR48041 (CR48041)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	106	105	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	105	98	6.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	110	107	2.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	103	101	2.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	92	98	6.3				70 - 130	30
1,1-Dichloroethene	ND	1.0	95	98	3.1				70 - 130	30
1,1-Dichloropropene	ND	1.0	114	103	10.1				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	122	119	2.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	114	107	6.3				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	118	116	1.7				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	114	114	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	125	116	7.5				70 - 130	30
1,2-Dibromoethane	ND	1.0	106	105	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	108	108	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	108	102	5.7				70 - 130	30
1,2-Dichloropropane	ND	1.0	99	99	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	117	114	2.6				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	112	110	1.8				70 - 130	30
1,3-Dichloropropane	ND	1.0	107	105	1.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	113	111	1.8				70 - 130	30
2,2-Dichloropropane	ND	1.0	94	97	3.1				70 - 130	30
2-Chlorotoluene	ND	1.0	113	111	1.8				70 - 130	30
2-Hexanone	ND	5.0	106	104	1.9				70 - 130	30
2-Isopropyltoluene	ND	1.0	118	115	2.6				70 - 130	30
4-Chlorotoluene	ND	1.0	113	111	1.8				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	105	100	4.9				70 - 130	30

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acetone	ND	5.0	85	94	10.1				70 - 130	30
Acrylonitrile	ND	5.0	84	90	6.9				70 - 130	30
Benzene	ND	0.70	107	98	8.8				70 - 130	30
Bromobenzene	ND	1.0	112	109	2.7				70 - 130	30
Bromochloromethane	ND	1.0	98	102	4.0				70 - 130	30
Bromodichloromethane	ND	0.50	103	102	1.0				70 - 130	30
Bromoform	ND	1.0	99	97	2.0				70 - 130	30
Bromomethane	ND	1.0	97	105	7.9				70 - 130	30
Carbon Disulfide	ND	1.0	96	102	6.1				70 - 130	30
Carbon tetrachloride	ND	1.0	102	99	3.0				70 - 130	30
Chlorobenzene	ND	1.0	106	105	0.9				70 - 130	30
Chloroethane	ND	1.0	104	109	4.7				70 - 130	30
Chloroform	ND	1.0	96	98	2.1				70 - 130	30
Chloromethane	ND	1.0	96	100	4.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	93	98	5.2				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	104	103	1.0				70 - 130	30
Dibromochloromethane	ND	0.50	106	106	0.0				70 - 130	30
Dibromomethane	ND	1.0	100	100	0.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	97	96	1.0				70 - 130	30
Ethylbenzene	ND	1.0	106	106	0.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	118	116	1.7				70 - 130	30
Isopropylbenzene	ND	1.0	115	112	2.6				70 - 130	30
m&p-Xylene	ND	1.0	109	109	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	109	98	10.6				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	96	100	4.1				70 - 130	30
Methylene chloride	ND	1.0	88	95	7.7				70 - 130	30
Naphthalene	ND	1.0	126	119	5.7				70 - 130	30
n-Butylbenzene	ND	1.0	120	116	3.4				70 - 130	30
n-Propylbenzene	ND	1.0	114	113	0.9				70 - 130	30
o-Xylene	ND	1.0	108	107	0.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	118	115	2.6				70 - 130	30
sec-Butylbenzene	ND	1.0	118	115	2.6				70 - 130	30
Styrene	ND	1.0	109	109	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	116	114	1.7				70 - 130	30
Tetrachloroethene	ND	1.0	105	101	3.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	117	98	17.7				70 - 130	30
Toluene	ND	1.0	101	100	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	95	99	4.1				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	105	103	1.9				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	108	108	0.0				70 - 130	30
Trichloroethene	ND	1.0	103	101	2.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	103	108	4.7				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	105	111	5.6				70 - 130	30
Vinyl chloride	ND	1.0	96	98	2.1				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	99	100	1.0				70 - 130	30
% Bromofluorobenzene	97	%	100	102	2.0				70 - 130	30
% Dibromofluoromethane	103	%	107	101	5.8				70 - 130	30
% Toluene-d8	104	%	102	102	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Data

SDG I.D.: GCR48041

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 746507H (ug/kg), QC Sample No: CR48270 50X (CR48045 (50X))										
Volatiles - Soil (High Level)										
1,1,2,2-Tetrachloroethane	ND	250	106	107	0.9	106	102	3.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	110	108	1.8	106	99	6.8	70 - 130	30
1,2,3-Trichloropropane	ND	250	108	107	0.9	109	105	3.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	106	106	0.0	104	96	8.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	109	109	0.0	108	102	5.7	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	88	88	0.0	92	84	9.1	70 - 130	30
1,2-Dichlorobenzene	ND	250	108	108	0.0	107	100	6.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	108	108	0.0	106	101	4.8	70 - 130	30
1,3-Dichlorobenzene	ND	250	106	105	0.9	105	98	6.9	70 - 130	30
1,4-Dichlorobenzene	ND	250	109	109	0.0	107	101	5.8	70 - 130	30
2-Chlorotoluene	ND	250	108	108	0.0	107	102	4.8	70 - 130	30
2-Isopropyltoluene	ND	250	111	112	0.9	109	104	4.7	70 - 130	30
4-Chlorotoluene	ND	250	107	108	0.9	105	99	5.9	70 - 130	30
Bromobenzene	ND	250	107	107	0.0	104	99	4.9	70 - 130	30
Hexachlorobutadiene	ND	250	108	111	2.7	107	103	3.8	70 - 130	30
Isopropylbenzene	ND	250	107	108	0.9	105	100	4.9	70 - 130	30
Naphthalene	ND	250	104	104	0.0	102	98	4.0	70 - 130	30
n-Butylbenzene	ND	250	118	118	0.0	116	110	5.3	70 - 130	30
n-Propylbenzene	ND	250	108	109	0.9	108	103	4.7	70 - 130	30
p-Isopropyltoluene	ND	250	110	111	0.9	108	104	3.8	70 - 130	30
sec-Butylbenzene	ND	250	109	110	0.9	108	104	3.8	70 - 130	30
tert-Butylbenzene	ND	250	108	109	0.9	107	103	3.8	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	94	91	3.2	91	85	6.8	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	100	101	1.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	101	%	99	99	0.0	100	97	3.0	70 - 130	30
% Dibromofluoromethane	94	%	94	94	0.0	99	93	6.3	70 - 130	30
% Toluene-d8	97	%	103	103	0.0	102	103	1.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


Phyllis Shiller, Laboratory Director
May 07, 2025

Wednesday, May 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR48041 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

May 07, 2025

SDG I.D.: GCR48041

The samples in this delivery group were received at 2.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

NY/NJ/PA CHAIN OF CUSTODY RECORD					
Cooler: Yes ☐ No ☒ Coilant: IPK ICE Temp: 2.0°C Pg. 01 of 01		Project P.O.: Newton			
Contact Options: Phone: 518-365-3333 Fax: _____ Email: _____		This section MUST be completed with Bottle Quantities.			
Customer: LaBella Address: 5 McCrea Hill Road Ballston Spa, NY 12020		Project: Newton Report to: _____ Invoice to: _____ QUOTE #: QN# LAGS0724PM			
Offent Sample - Information - Identification Sampler's Signature: [Signature] Date: 8/23/24 Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe B=Bulk L=Liquid OIL=Oil		Analysis Request VOCs by 8200 Pesticides by 8210 PCBs by 8082 TCRA & Metals Lab			
PHOENIX USE ONLY SAMPLE #		Customer Sample Identification Sample Matrix		Date Sampled	Time Sampled
48041	Equipment Blank	L	GW	8/23/24	0800
48042	SB-9/MW-9	8'	S	8/23/24	0900
48043	SB-9/MW-9	12'-13'	S	8/23/24	0905
48044	SB-9/MW-9	13.5'-15'	S	8/23/24	0910
48045	SB-10/MW-10	7'-8'	S	8/23/24	1305
48046	SB-10/MW-10	15'-16.5'	S	8/23/24	1310
48047	SB-10/MW-10	19'-20'	S	8/23/24	1315
48048	DUP 3		S	8/23/24	—
48049	Trip Blank	LL	S	8/23/24	—
48050	TB HL				
Relinquished by: [Signature] Accepted by: [Signature]		Date: 8/23/24		Time: 1335	
Comments, Special Requirements or Regulations:		Data Format: ☒ Phoenix Std Report ☒ EQUIS ☐ Excel ☐ NJ Hazsite EDD ☐ PDF ☐ NY EZ EDD (ASP) ☐ GIS/Key ☐ Other		Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days* ☒ Standard * SURCHARGE APPLIES	
		NJ		Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil Cleanup Criteria ☐ Impact to GW soil screen Criteria ☐ GW Criteria	
		NY		TOGS GW ☐ CP-51 SOIL ☐ 375SSCO ☐ Unrestricted Soil ☐ 375SSCO ☐ Residential Soil ☐ 375SSCO ☐ Residential Restricted Soil ☐ 375SSCO ☐ Commercial Soil ☐ 375SSCO ☐ Industrial Soil ☐ Subpart 5 DW	
		PA		Clean Fill Limits ☐ PA-GW ☐ Reg Fill Limits ☐ PA Soil Restricted ☐ PA Soil non-restricted	
				State Samples Collected? ☒	

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Friday, September 13, 2024 1:48 PM
To: Rebecca Merz
Cc: Sarah Bell
Subject: Re: [Ext] Newtown Project - Add Category B Deliverable

Yes. Every report under this Newton PO should get CatB deliverables. I believe this is five reports but can't confirm at this moment.

Sent from my iPhone

On Sep 13, 2024, at 1:45 PM, Rebecca Merz <rebeccam@phoenixlabs.com> wrote:

Hi Todd,

Got your message and want to confirm the list of SDGs you would like us to add a Category B Data Package to. Our records show five SDGs.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041

Please confirm this list is complete and we will get the data packages ordered for you.

Thank you,

Rebecca Merz

New England Sales Manager
Phoenix Environmental Laboratories, Inc.
860-212-9457 (mobile)
rebeccam@phoenixlabs.com
<https://www.phoenixlabs.com/>

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Wednesday, May 07, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCR50329
Sample ID#s: CR50329 - CR50344

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCR50329



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR50329

Labella Associates DPC NEWTON

Methodology Summary

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 3545A.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

Perfluorinated Alkyl Acids by LC-MS/MS

Determination of Selected Perfluorinated Alkyl Acids in Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) EPA 1633 Draft 3

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR50329

Labella Associates DPC NEWTON

Laboratory Chronicle

The samples in this delivery group were received at 2.2°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR50329	Arsenic	08/26/24	08/27/24	08/28/24	TH	Y
CR50329	Barium	08/26/24	08/27/24	08/28/24	TH	Y
CR50329	Cadmium	08/26/24	08/27/24	08/28/24	TH	Y
CR50329	Chromium	08/26/24	08/27/24	08/28/24	TH	Y
CR50329	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50329	Lead	08/26/24	08/27/24	08/28/24	TH	Y
CR50329	Mercury	08/26/24	08/28/24	08/28/24	AL1	Y
CR50329	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50329	Pesticides - Soil	08/26/24	09/03/24	09/04/24	AW	Y
CR50329	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50329	Selenium	08/26/24	08/27/24	08/28/24	TH	Y
CR50329	Semivolatiles	08/26/24	09/04/24	09/05/24	MR	Y
CR50329	Silver	08/26/24	08/27/24	08/28/24	TH	Y
CR50329	Volatiles	08/26/24	08/29/24	08/29/24	JLI	Y
CR50330	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50330	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50330	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50330	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50330	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50330	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50330	Mercury	08/26/24	08/28/24	08/28/24	AL1	Y
CR50330	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50330	Pesticides - Soil	08/26/24	09/03/24	09/04/24	AW	Y
CR50330	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50330	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50330	Semivolatiles	08/26/24	09/04/24	09/04/24	MR	Y
CR50330	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50330	Volatiles	08/26/24	08/29/24	08/29/24	JLI	Y
CR50331	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50331	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50331	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50331	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR50329

Labella Associates DPC NEWTON

CR50331	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50331	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50331	Mercury	08/26/24	08/28/24	08/28/24	AL1	Y
CR50331	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50331	Pesticides - Soil	08/26/24	09/03/24	09/04/24	CN	Y
CR50331	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50331	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50331	Semivolatiles	08/26/24	09/04/24	09/04/24	MR	Y
CR50331	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50331	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50332	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50332	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50332	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50332	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50332	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50332	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50332	Mercury	08/26/24	08/28/24	08/28/24	AL1	Y
CR50332	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50332	Pesticides - Soil	08/26/24	09/03/24	09/05/24	AW	Y
CR50332	Polychlorinated Biphenyls	08/26/24	09/03/24	09/05/24	SC	Y
CR50332	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50332	Semivolatiles	08/26/24	09/04/24	09/05/24	MR	Y
CR50332	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50332	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50333	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50333	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50333	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50333	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50333	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50333	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50333	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y
CR50333	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50333	Pesticides - Soil	08/26/24	09/03/24	09/04/24	CN	Y
CR50333	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50333	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50333	Semivolatiles	08/26/24	09/04/24	09/04/24	MR	Y
CR50333	Silver	08/26/24	08/28/24	08/29/24	CPP	Y



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Labella Associates DPC NEWTON

CR50333	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50334	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50334	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50334	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50334	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50334	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50334	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50334	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y
CR50334	MS/MSD Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50334	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50334	Pesticides - Soil	08/26/24	09/03/24	09/04/24	CN	Y
CR50334	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50334	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50334	Semivolatiles	08/26/24	09/04/24	09/04/24	MR	Y
CR50334	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50334	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50335	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50335	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50335	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50335	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50335	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50335	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50335	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y
CR50335	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50335	Pesticides - Soil	08/26/24	09/03/24	09/04/24	CN	Y
CR50335	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50335	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50335	Semivolatiles	08/26/24	09/04/24	09/04/24	MR	Y
CR50335	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50335	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50336	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50336	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50336	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50336	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50336	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50336	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50336	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y



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CR50336	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50336	Pesticides - Soil	08/26/24	09/03/24	09/04/24	CN	Y
CR50336	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50336	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50336	Semivolatiles	08/26/24	09/04/24	09/04/24	MR	Y
CR50336	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50336	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50337	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50337	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50337	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50337	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50337	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50337	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50337	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y
CR50337	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50337	Pesticides - Soil	08/26/24	09/03/24	09/04/24	CN	Y
CR50337	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50337	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50337	Semivolatiles	08/26/24	09/04/24	09/04/24	MR	Y
CR50337	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50337	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50338	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50338	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50338	Volatiles	08/26/24	08/29/24	08/29/24	JLI	Y
CR50339	1,4-Dioxane	08/26/24	09/04/24	09/06/24	MR	Y
CR50339	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50339	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50339	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50339	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50339	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50339	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50339	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y
CR50339	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50339	Pesticides - Soil	08/26/24	09/03/24	09/04/24	AW	Y
CR50339	PFAS (40) by EPA 1633	08/26/24	09/05/24	09/05/24	AM	Y
CR50339	PFOA/PFOS - Soil Extraction	08/26/24	09/03/24	09/03/24	AM	Y
CR50339	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y



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CR50339	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50339	Semivolatiles	08/26/24	09/04/24	09/05/24	MR	Y
CR50339	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50339	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50340	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50340	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50340	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50340	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50340	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50340	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50340	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y
CR50340	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50340	Pesticides - Soil	08/26/24	09/03/24	09/04/24	CN	Y
CR50340	Polychlorinated Biphenyls	08/26/24	09/03/24	09/04/24	SC	Y
CR50340	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50340	Semivolatiles	08/26/24		08/29/24	MR	Y
CR50340	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50340	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50341	Arsenic	08/26/24	08/28/24	08/29/24	CPP	Y
CR50341	Barium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50341	Cadmium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50341	Chromium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50341	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50341	Lead	08/26/24	08/28/24	08/29/24	CPP	Y
CR50341	Mercury	08/26/24	08/29/24	08/29/24	AL1	Y
CR50341	Percent Solid	08/26/24	08/27/24	08/27/24	CV	Y
CR50341	Pesticides - Soil	08/26/24	09/04/24	09/05/24	CN	Y
CR50341	Polychlorinated Biphenyls	08/26/24	09/04/24	09/05/24	SC	Y
CR50341	Selenium	08/26/24	08/28/24	08/29/24	CPP	Y
CR50341	Semivolatiles	08/26/24		08/29/24	MR	Y
CR50341	Silver	08/26/24	08/28/24	08/29/24	CPP	Y
CR50341	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50342	Volatiles	08/26/24	08/29/24	08/29/24	MH	Y
CR50343	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50343	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y
CR50344	Field Extraction	08/26/24	08/26/24	08/26/24		Y
CR50344	Volatiles	08/26/24	08/28/24	08/28/24	JLI	Y



Environmental Laboratories, Inc.
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SDG Comments

May 07, 2025

SDG I.D.: GCR50329

Ver.3:

This report has been revised to include added analysis per client request.



Environmental Laboratories, Inc.
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Sample Id Cross Reference

May 07, 2025

SDG I.D.: GCR50329

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
SB-11/MW-11 8-9FT	CR50329	SOIL	08/26/24 9:00
SB-11/MW-11 11-12FT	CR50330	SOIL	08/26/24 9:05
SB-11/MW-11 14-15FT	CR50331	SOIL	08/26/24 9:10
SB-12/MW-12 6`-7`	CR50332	SOIL	08/26/24 10:50
SB-12/MW-12 9`-10`	CR50333	SOIL	08/26/24 10:55
SB-12/MW-12 13.5FT-15FT	CR50334	SOIL	08/26/24 11:00
SB-13/MW-13 8-9FT	CR50335	SOIL	08/26/24 12:15
SB-13/MW-13 11-12FT	CR50336	SOIL	08/26/24 12:20
SB-13/MW-13 14-15FT	CR50337	SOIL	08/26/24 12:25
DUP-4	CR50338	SOIL	08/26/24 0:00
SB-14/MW-14 7`-8`	CR50339	SOIL	08/26/24 13:50
SB-14/MW-14 9`-10`	CR50340	SOIL	08/26/24 13:55
SB-14/MW-14 14`-15`	CR50341	SOIL	08/26/24 14:00
EQUIPMENT BLANKS	CR50342	WATER	08/26/24 8:00
TRIP BLANKS LL	CR50343	SOIL	08/26/24 0:00
TRIP BLANKS HL	CR50344	SOIL	08/26/24 0:00



Environmental Laboratories, Inc.
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Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24
08/27/24

Time

9:00
17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50329

Project ID: NEWTON
Client ID: SB-11/MW-11 8-9FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.37	0.37	mg/Kg	1	08/28/24	TH	SW6010D
Arsenic	1.24	0.73	0.73	mg/Kg	1	08/28/24	TH	SW6010D
Barium	11.8	0.37	0.37	mg/Kg	1	08/28/24	TH	SW6010D
Cadmium	ND	0.37	0.37	mg/Kg	1	08/28/24	TH	SW6010D
Chromium	5.96	0.37	0.37	mg/Kg	1	08/28/24	TH	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/28/24	AL1	SW7471B
Lead	2.35	0.37	0.37	mg/Kg	1	08/28/24	TH	SW6010D
Selenium	ND	1.5	1.2	mg/Kg	1	08/28/24	TH	SW6010D
Percent Solid	81			%		08/27/24	CV	SW846-%Solid

Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/28/24	MQ/MQ	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/27/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	113			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	130			%	10	09/04/24	SC	30 - 150 %
% TCMX	108			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	103			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	28	2.4	2.4	ug/Kg	2	09/04/24	AW	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	09/04/24	AW	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	09/04/24	AW	SW8081B
a-BHC	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	09/04/24	AW	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	09/04/24	AW	SW8081B
b-BHC	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Chlordane	ND	40	40	ug/Kg	2	09/04/24	AW	SW8081B
d-BHC	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	09/04/24	AW	SW8081B
Endosulfan I	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Endosulfan II	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Endosulfan sulfate	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Endrin	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Endrin aldehyde	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Endrin ketone	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	09/04/24	AW	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	09/04/24	AW	SW8081B
Heptachlor	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Heptachlor epoxide	ND	8.0	8.0	ug/Kg	2	09/04/24	AW	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	09/04/24	AW	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	09/04/24	AW	SW8081B

QA/QC Surrogates

% DCBP	123			%	2	09/04/24	AW	30 - 150 %
% DCBP (Confirmation)	92			%	2	09/04/24	AW	30 - 150 %
% TCMX	100			%	2	09/04/24	AW	30 - 150 %
% TCMX (Confirmation)	95			%	2	09/04/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,1-Dichloroethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,1-Dichloroethene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,1-Dichloropropene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,2-Dibromoethane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,2-Dichloroethane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
1,3-Dichloropropane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
2,2-Dichloropropane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
2-Chlorotoluene	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
2-Hexanone	ND	3100	610	ug/Kg	50	08/29/24	JLI	SW8260D
2-Isopropyltoluene	250	220	61	ug/Kg	50	08/29/24	JLI	SW8260D
4-Chlorotoluene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	3100	610	ug/Kg	50	08/29/24	JLI	SW8260D
Acetone	ND	3100	610	ug/Kg	50	08/29/24	JLI	SW8260D
Acrylonitrile	ND	1200	61	ug/Kg	50	08/29/24	JLI	SW8260D
Benzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Bromobenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Bromochloromethane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Bromodichloromethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Bromoform	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Bromomethane	ND	610	250	ug/Kg	50	08/29/24	JLI	SW8260D
Carbon Disulfide	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Carbon tetrachloride	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Chlorobenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Chloroethane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Chloroform	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Chloromethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Dibromochloromethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Dibromomethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Dichlorodifluoromethane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Ethylbenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Hexachlorobutadiene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Isopropylbenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
m&p-Xylene	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	3100	610	ug/Kg	50	08/29/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	1200	120	ug/Kg	50	08/29/24	JLI	SW8260D
Methylene chloride	ND	1200	610	ug/Kg	50	08/29/24	JLI	SW8260D
Naphthalene	570	550	120	ug/Kg	50	08/29/24	JLI	SW8260D
n-Butylbenzene	740	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
n-Propylbenzene	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
o-Xylene	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
p-Isopropyltoluene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
sec-Butylbenzene	940	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Styrene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
tert-Butylbenzene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Tetrachloroethene	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	1200	310	ug/Kg	50	08/29/24	JLI	SW8260D
Toluene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Total Xylenes	ND	610	610	ug/Kg	50	08/29/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	1200	310	ug/Kg	50	08/29/24	JLI	SW8260D
Trichloroethene	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Trichlorofluoromethane	ND	610	120	ug/Kg	50	08/29/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
Vinyl chloride	ND	610	61	ug/Kg	50	08/29/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (50x)	96			%	50	08/29/24	JLI	70 - 130 %
% Bromofluorobenzene (50x)	112			%	50	08/29/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	91			%	50	08/29/24	JLI	70 - 130 %
% Toluene-d8 (50x)	86			%	50	08/29/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	2800	980	ug/Kg	10	09/05/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
1,2-Dichlorobenzene	ND	2800	1100	ug/Kg	10	09/05/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
1,3-Dichlorobenzene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
1,4-Dichlorobenzene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	2800	1100	ug/Kg	10	09/05/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	2800	1100	ug/Kg	10	09/05/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
2,4-Dichlorophenol	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
2,4-Dimethylphenol	ND	2800	1000	ug/Kg	10	09/05/24	MR	SW8270E
2,4-Dinitrophenol	ND	4100	2000	ug/Kg	10	09/05/24	MR	SW8270E
2,4-Dinitrotoluene	ND	2800	1600	ug/Kg	10	09/05/24	MR	SW8270E
2,6-Dinitrotoluene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
2-Chloronaphthalene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
2-Chlorophenol	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
2-Methylnaphthalene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	2800	1600	ug/Kg	10	09/05/24	MR	SW8270E
2-Nitroaniline	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
2-Nitrophenol	ND	2800	1600	ug/Kg	10	09/05/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	2800	1900	ug/Kg	10	09/05/24	MR	SW8270E
3-Nitroaniline	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4100	1200	ug/Kg	10	09/05/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
4-Chloroaniline	ND	2800	1600	ug/Kg	10	09/05/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
4-Nitroaniline	ND	6500	1400	ug/Kg	10	09/05/24	MR	SW8270E
4-Nitrophenol	ND	2800	810	ug/Kg	10	09/05/24	MR	SW8270E
Acenaphthene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
Acenaphthylene	ND	2800	1100	ug/Kg	10	09/05/24	MR	SW8270E
Acetophenone	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Aniline	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Benz(a)anthracene	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
Benzidine	ND	2800	1600	ug/Kg	10	09/05/24	MR	SW8270E
Benzo(a)pyrene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Benzo(b)fluoranthene	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
Benzo(ghi)perylene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Benzo(k)fluoranthene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Benzoic acid	ND	8100	1600	ug/Kg	10	09/05/24	MR	SW8270E
Benzyl butyl phthalate	ND	2800	1000	ug/Kg	10	09/05/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	2800	1100	ug/Kg	10	09/05/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	4100	1100	ug/Kg	10	09/05/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	4100	1200	ug/Kg	10	09/05/24	MR	SW8270E
Carbazole	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
Chrysene	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Dibenzofuran	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
Diethyl phthalate	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Dimethylphthalate	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Di-n-butylphthalate	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
Di-n-octylphthalate	ND	2800	1000	ug/Kg	10	09/05/24	MR	SW8270E
Fluoranthene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Fluorene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Hexachlorobenzene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
Hexachlorobutadiene	ND	2800	1500	ug/Kg	10	09/05/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
Hexachloroethane	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Isophorone	ND	2800	1100	ug/Kg	10	09/05/24	MR	SW8270E
Naphthalene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
Nitrobenzene	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
N-Nitrosodimethylamine	ND	4100	1100	ug/Kg	10	09/05/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4100	1600	ug/Kg	10	09/05/24	MR	SW8270E
Pentachloronitrobenzene	ND	4100	1200	ug/Kg	10	09/05/24	MR	SW8270E
Pentachlorophenol	ND	4100	1500	ug/Kg	10	09/05/24	MR	SW8270E
Phenanthrene	ND	2800	1200	ug/Kg	10	09/05/24	MR	SW8270E
Phenol	ND	2800	1300	ug/Kg	10	09/05/24	MR	SW8270E
Pyrene	ND	2800	1400	ug/Kg	10	09/05/24	MR	SW8270E
Pyridine	ND	4100	1000	ug/Kg	10	09/05/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	09/05/24	MR	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	09/05/24	MR	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out			%	10	09/05/24	MR	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	09/05/24	MR	30 - 130 %
% Phenol-d5 (10x)	Diluted Out			%	10	09/05/24	MR	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out			%	10	09/05/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:

Elevated reporting limits for volatiles due to the presence of non-target compounds.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24
08/27/24

Time

9:05
17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50330

Project ID: NEWTON
Client ID: SB-11/MW-11 11-12FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	1.02	0.77	0.77	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	9.69	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	8.01	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/28/24	AL1	SW7471B
Lead	2.26	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	78			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/28/24	MQ/MQ	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	94			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	115			%	10	09/04/24	SC	30 - 150 %
% TCMX	91			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	102			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	2	09/04/24	AW	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	09/04/24	AW	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	09/04/24	AW	SW8081B
a-BHC	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	09/04/24	AW	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	09/04/24	AW	SW8081B
b-BHC	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Chlordane	ND	42	42	ug/Kg	2	09/04/24	AW	SW8081B
d-BHC	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	09/04/24	AW	SW8081B
Endosulfan I	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Endosulfan II	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Endosulfan sulfate	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Endrin	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Endrin aldehyde	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Endrin ketone	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	09/04/24	AW	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	09/04/24	AW	SW8081B
Heptachlor	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Heptachlor epoxide	ND	8.5	8.5	ug/Kg	2	09/04/24	AW	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	09/04/24	AW	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	09/04/24	AW	SW8081B

QA/QC Surrogates

% DCBP	107			%	2	09/04/24	AW	30 - 150 %
% DCBP (Confirmation)	106			%	2	09/04/24	AW	30 - 150 %
% TCMX	96			%	2	09/04/24	AW	30 - 150 %
% TCMX (Confirmation)	103			%	2	09/04/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
2-Hexanone	ND	25	5.1	ug/Kg	1	08/29/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.1	ug/Kg	1	08/29/24	JLI	SW8260D
Acetone	40	S 25	5.1	ug/Kg	1	08/29/24	JLI	SW8260D
Acrylonitrile	ND	10	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Benzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Bromobenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Bromoform	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Bromomethane	ND	5.1	2.0	ug/Kg	1	08/29/24	JLI	SW8260D
Carbon Disulfide	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Chloroethane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Chloroform	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Chloromethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Dibromomethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.1	ug/Kg	1	08/29/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Methylene chloride	ND	10	5.1	ug/Kg	1	08/29/24	JLI	SW8260D
Naphthalene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
n-Propylbenzene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
o-Xylene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Styrene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/29/24	JLI	SW8260D
Toluene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Total Xylenes	ND	5.1	5.1	ug/Kg	1	08/29/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/29/24	JLI	SW8260D
Trichloroethene	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	08/29/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	08/29/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	93			%	1	08/29/24	JLI	70 - 130 %
% Bromofluorobenzene	104			%	1	08/29/24	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	08/29/24	JLI	70 - 130 %
% Toluene-d8	88			%	1	08/29/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	300	100	ug/Kg	1	09/04/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	300	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrophenol	ND	420	210	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	09/04/24	MR	SW8270E
2,6-Dinitrotoluene	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Chloronaphthalene	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Chlorophenol	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylnaphthalene	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	300	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitroaniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitrophenol	ND	300	170	ug/Kg	1	09/04/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	300	200	ug/Kg	1	09/04/24	MR	SW8270E
3-Nitroaniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloroaniline	ND	300	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitroaniline	ND	680	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitrophenol	ND	300	85	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthene	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthylene	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
Acetophenone	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
Aniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Benz(a)anthracene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzidine	ND	300	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(a)pyrene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(b)fluoranthene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzoic acid	ND	850	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	420	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
Carbazole	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
Chrysene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenzofuran	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
Diethyl phthalate	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
Dimethylphthalate	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-butylphthalate	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-octylphthalate	ND	300	110	ug/Kg	1	09/04/24	MR	SW8270E
Fluoranthene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Fluorene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobenzene	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobutadiene	ND	300	150	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachloroethane	ND	300	130	ug/Kg	1	09/04/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Isophorone	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
Naphthalene	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
Nitrobenzene	ND	300	150	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodimethylamine	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	420	160	ug/Kg	1	09/04/24	MR	SW8270E
Pentachloronitrobenzene	ND	420	130	ug/Kg	1	09/04/24	MR	SW8270E
Pentachlorophenol	ND	420	160	ug/Kg	1	09/04/24	MR	SW8270E
Phenanthrene	ND	300	120	ug/Kg	1	09/04/24	MR	SW8270E
Phenol	ND	300	140	ug/Kg	1	09/04/24	MR	SW8270E
Pyrene	ND	300	150	ug/Kg	1	09/04/24	MR	SW8270E
Pyridine	ND	420	100	ug/Kg	1	09/04/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	61			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorobiphenyl	45			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorophenol	50			%	1	09/04/24	MR	30 - 130 %
% Nitrobenzene-d5	57			%	1	09/04/24	MR	30 - 130 %
% Phenol-d5	50			%	1	09/04/24	MR	30 - 130 %
% Terphenyl-d14	47			%	1	09/04/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24
08/27/24

Time

9:10
17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50331

Project ID: NEWTON
Client ID: SB-11/MW-11 14-15FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	ND	0.78	0.78	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	12.4	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	6.08	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/28/24	AL1	SW7471B
Lead	2.74	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	81			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/28/24	MQ/MQ	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	410	410	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	94			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	115			%	10	09/04/24	SC	30 - 150 %
% TCMX	94			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	102			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
a-BHC	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
a-Chlordane	ND	4.1	4.1	ug/Kg	2	09/04/24	CN	SW8081B
Aldrin	ND	4.1	4.1	ug/Kg	2	09/04/24	CN	SW8081B
b-BHC	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Chlordane	ND	41	41	ug/Kg	2	09/04/24	CN	SW8081B
d-BHC	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Dieldrin	ND	4.1	4.1	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan I	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan II	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan sulfate	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Endrin	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Endrin aldehyde	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Endrin ketone	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	09/04/24	CN	SW8081B
g-Chlordane	ND	4.1	4.1	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor epoxide	ND	8.2	8.2	ug/Kg	2	09/04/24	CN	SW8081B
Methoxychlor	ND	41	41	ug/Kg	2	09/04/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	09/04/24	CN	SW8081B

QA/QC Surrogates

% DCBP	106			%	2	09/04/24	CN	30 - 150 %
% DCBP (Confirmation)	105			%	2	09/04/24	CN	30 - 150 %
% TCMX	99			%	2	09/04/24	CN	30 - 150 %
% TCMX (Confirmation)	99			%	2	09/04/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	27	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	27	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	11	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.3	2.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	11	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.3	5.3	ug/Kg	1	08/28/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	94			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	93			%	1	08/28/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	97	ug/Kg	1	09/04/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	09/04/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitroaniline	ND	650	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitrophenol	ND	280	81	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Acetophenone	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Aniline	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benz(a)anthracene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzoic acid	ND	810	160	ug/Kg	1	09/04/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	120	ug/Kg	1	09/04/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
Chrysene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Dimethylphthalate	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobutadiene	ND	280	150	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Naphthalene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	09/04/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	09/04/24	MR	SW8270E
Phenanthrene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Pyridine	ND	400	100	ug/Kg	1	09/04/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	65			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorobiphenyl	51			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	09/04/24	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	09/04/24	MR	30 - 130 %
% Phenol-d5	55			%	1	09/04/24	MR	30 - 130 %
% Terphenyl-d14	52			%	1	09/04/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

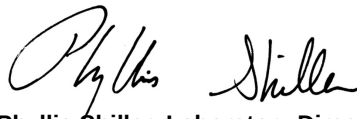
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time

08/26/24 10:50
08/27/24 17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50332

Project ID: NEWTON
Client ID: SB-12/MW-12 6`-7`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	5.96	0.77	0.77	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	78.9	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	0.53	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	8.52	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	8.89	0.80	0.48	mg/Kg	50	08/28/24	AL1	SW7471B
Lead	204	0.39	0.39	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	76			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/28/24	MQ/MQ	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1221	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1232	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1242	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1248	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1254	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1260	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1262	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1268	ND	430	430	ug/Kg	10	09/05/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	69			%	10	09/05/24	SC	30 - 150 %
% DCBP (Confirmation)	71			%	10	09/05/24	SC	30 - 150 %
% TCMX	77			%	10	09/05/24	SC	30 - 150 %
% TCMX (Confirmation)	85			%	10	09/05/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	9.0	9.0	ug/Kg	2	09/05/24	AW	SW8081B
4,4' -DDE	ND	9.0	9.0	ug/Kg	2	09/05/24	AW	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	09/05/24	AW	SW8081B
a-BHC	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
a-Chlordane	ND	4.3	4.3	ug/Kg	2	09/05/24	AW	SW8081B
Aldrin	ND	4.3	4.3	ug/Kg	2	09/05/24	AW	SW8081B
b-BHC	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Chlordane	ND	43	43	ug/Kg	2	09/05/24	AW	SW8081B
d-BHC	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Dieldrin	ND	4.3	4.3	ug/Kg	2	09/05/24	AW	SW8081B
Endosulfan I	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Endosulfan II	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Endosulfan sulfate	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Endrin	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Endrin aldehyde	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Endrin ketone	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
g-BHC	ND	3.0	3.0	ug/Kg	2	09/05/24	AW	SW8081B
g-Chlordane	ND	4.3	4.3	ug/Kg	2	09/05/24	AW	SW8081B
Heptachlor	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Heptachlor epoxide	ND	8.7	8.7	ug/Kg	2	09/05/24	AW	SW8081B
Methoxychlor	ND	43	43	ug/Kg	2	09/05/24	AW	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	09/05/24	AW	SW8081B

QA/QC Surrogates

% DCBP	68			%	2	09/05/24	AW	30 - 150 %
% DCBP (Confirmation)	60			%	2	09/05/24	AW	30 - 150 %
% TCMX	62			%	2	09/05/24	AW	30 - 150 %
% TCMX (Confirmation)	85			%	2	09/05/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	110	S 27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	11	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.4	2.2	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	11	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.4	5.4	ug/Kg	1	08/28/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	94			%	1	08/28/24	JLI	70 - 130 %

Volatile Library Search

Completed

05/07/25

JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	300	100	ug/Kg	1	09/05/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
1,2-Dichlorobenzene	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
1,3-Dichlorobenzene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
1,4-Dichlorobenzene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	300	110	ug/Kg	1	09/05/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dichlorophenol	ND	300	150	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dimethylphenol	ND	300	110	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dinitrophenol	ND	440	220	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dinitrotoluene	ND	300	170	ug/Kg	1	09/05/24	MR	SW8270E
2,6-Dinitrotoluene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
2-Chloronaphthalene	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
2-Chlorophenol	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
2-Methylnaphthalene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	300	170	ug/Kg	1	09/05/24	MR	SW8270E
2-Nitroaniline	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
2-Nitrophenol	ND	300	170	ug/Kg	1	09/05/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	300	210	ug/Kg	1	09/05/24	MR	SW8270E
3-Nitroaniline	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	440	130	ug/Kg	1	09/05/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	1	09/05/24	MR	SW8270E
4-Chloroaniline	ND	300	170	ug/Kg	1	09/05/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	1	09/05/24	MR	SW8270E
4-Nitroaniline	ND	700	150	ug/Kg	1	09/05/24	MR	SW8270E
4-Nitrophenol	ND	300	87	ug/Kg	1	09/05/24	MR	SW8270E
Acenaphthene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
Acenaphthylene	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
Acetophenone	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Aniline	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Benz(a)anthracene	ND	300	150	ug/Kg	1	09/05/24	MR	SW8270E
Benzidine	ND	300	170	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(a)pyrene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(b)fluoranthene	320	300	150	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(ghi)perylene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(k)fluoranthene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Benzoic acid	ND	870	170	ug/Kg	1	09/05/24	MR	SW8270E
Benzyl butyl phthalate	ND	300	110	ug/Kg	1	09/05/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	440	120	ug/Kg	1	09/05/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	440	130	ug/Kg	1	09/05/24	MR	SW8270E
Carbazole	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
Chrysene	ND	300	150	ug/Kg	1	09/05/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Dibenzofuran	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
Diethyl phthalate	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Dimethylphthalate	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
Di-n-butylphthalate	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
Di-n-octylphthalate	ND	300	110	ug/Kg	1	09/05/24	MR	SW8270E
Fluoranthene	390	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Fluorene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Hexachlorobenzene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
Hexachlorobutadiene	ND	300	160	ug/Kg	1	09/05/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
Hexachloroethane	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Isophorone	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
Naphthalene	ND	300	130	ug/Kg	1	09/05/24	MR	SW8270E
Nitrobenzene	ND	300	150	ug/Kg	1	09/05/24	MR	SW8270E
N-Nitrosodimethylamine	ND	440	120	ug/Kg	1	09/05/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	440	170	ug/Kg	1	09/05/24	MR	SW8270E
Pentachloronitrobenzene	ND	440	130	ug/Kg	1	09/05/24	MR	SW8270E
Pentachlorophenol	ND	440	160	ug/Kg	1	09/05/24	MR	SW8270E
Phenanthrene	ND	300	120	ug/Kg	1	09/05/24	MR	SW8270E
Phenol	ND	300	140	ug/Kg	1	09/05/24	MR	SW8270E
Pyrene	ND	300	150	ug/Kg	1	09/05/24	MR	SW8270E
Pyridine	ND	440	110	ug/Kg	1	09/05/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	63			%	1	09/05/24	MR	30 - 130 %
% 2-Fluorobiphenyl	45			%	1	09/05/24	MR	30 - 130 %
% 2-Fluorophenol	44			%	1	09/05/24	MR	30 - 130 %
% Nitrobenzene-d5	55			%	1	09/05/24	MR	30 - 130 %
% Phenol-d5	47			%	1	09/05/24	MR	30 - 130 %
% Terphenyl-d14	41			%	1	09/05/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time

08/26/24 10:55
08/27/24 17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50333

Project ID: NEWTON
Client ID: SB-12/MW-12 9`-10`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.43	0.43	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	ND	0.85	0.85	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	12.6	0.43	0.43	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.43	0.43	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	5.30	0.43	0.43	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	2.25	0.43	0.43	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.7	1.5	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	75			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	440	440	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	95			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	114			%	10	09/04/24	SC	30 - 150 %
% TCMX	89			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	99			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDE	ND	2.6	2.6	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDT	ND	2.6	2.6	ug/Kg	2	09/04/24	CN	SW8081B
a-BHC	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
a-Chlordane	ND	4.4	4.4	ug/Kg	2	09/04/24	CN	SW8081B
Aldrin	ND	4.4	4.4	ug/Kg	2	09/04/24	CN	SW8081B
b-BHC	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Chlordane	ND	44	44	ug/Kg	2	09/04/24	CN	SW8081B
d-BHC	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Dieldrin	ND	4.4	4.4	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan I	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan II	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan sulfate	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Endrin	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Endrin aldehyde	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Endrin ketone	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
g-BHC	ND	1.8	1.8	ug/Kg	2	09/04/24	CN	SW8081B
g-Chlordane	ND	4.4	4.4	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor epoxide	ND	8.8	8.8	ug/Kg	2	09/04/24	CN	SW8081B
Methoxychlor	ND	44	44	ug/Kg	2	09/04/24	CN	SW8081B
Toxaphene	ND	180	180	ug/Kg	2	09/04/24	CN	SW8081B

QA/QC Surrogates

% DCBP	105			%	2	09/04/24	CN	30 - 150 %
% DCBP (Confirmation)	104			%	2	09/04/24	CN	30 - 150 %
% TCMX	97			%	2	09/04/24	CN	30 - 150 %
% TCMX (Confirmation)	99			%	2	09/04/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	27	5.5	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	5.5	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	27	5.5	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	11	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.5	2.2	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.5	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	11	5.5	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.5	5.5	ug/Kg	1	08/28/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.5	0.55	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	94			%	1	08/28/24	JLI	70 - 130 %

Volatile Library Search Completed

05/07/25

JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	310	100	ug/Kg	1	09/04/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Dichlorobenzene	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
1,3-Dichlorobenzene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
1,4-Dichlorobenzene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	310	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dichlorophenol	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dimethylphenol	ND	310	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrophenol	ND	440	220	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrotoluene	ND	310	170	ug/Kg	1	09/04/24	MR	SW8270E
2,6-Dinitrotoluene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
2-Chloronaphthalene	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Chlorophenol	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylnaphthalene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	310	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitroaniline	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitrophenol	ND	310	170	ug/Kg	1	09/04/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	310	210	ug/Kg	1	09/04/24	MR	SW8270E
3-Nitroaniline	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	440	130	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloroaniline	ND	310	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitroaniline	ND	700	150	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitrophenol	ND	310	87	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthylene	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
Acetophenone	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Aniline	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Benz(a)anthracene	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
Benzidine	ND	310	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(a)pyrene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(b)fluoranthene	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(ghi)perylene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(k)fluoranthene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzoic acid	ND	870	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzyl butyl phthalate	ND	310	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	440	120	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	440	130	ug/Kg	1	09/04/24	MR	SW8270E
Carbazole	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
Chrysene	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenzofuran	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
Diethyl phthalate	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Dimethylphthalate	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-butylphthalate	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-octylphthalate	ND	310	110	ug/Kg	1	09/04/24	MR	SW8270E
Fluoranthene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Fluorene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobenzene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobutadiene	ND	310	160	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachloroethane	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Isophorone	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
Naphthalene	ND	310	130	ug/Kg	1	09/04/24	MR	SW8270E
Nitrobenzene	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodimethylamine	ND	440	120	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
Pentachloronitrobenzene	ND	440	130	ug/Kg	1	09/04/24	MR	SW8270E
Pentachlorophenol	ND	440	170	ug/Kg	1	09/04/24	MR	SW8270E
Phenanthrene	ND	310	120	ug/Kg	1	09/04/24	MR	SW8270E
Phenol	ND	310	140	ug/Kg	1	09/04/24	MR	SW8270E
Pyrene	ND	310	150	ug/Kg	1	09/04/24	MR	SW8270E
Pyridine	ND	440	110	ug/Kg	1	09/04/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	66			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorobiphenyl	51			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	09/04/24	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	09/04/24	MR	30 - 130 %
% Phenol-d5	57			%	1	09/04/24	MR	30 - 130 %
% Terphenyl-d14	51			%	1	09/04/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

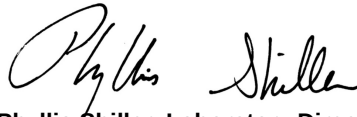
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time

08/26/24 11:00
08/27/24 17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50334

Project ID: NEWTON
Client ID: SB-12/MW-12 13.5FT-15FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	0.99	0.79	0.79	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	15.8	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	5.23	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	2.52	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	78			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	95			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	113			%	10	09/04/24	SC	30 - 150 %
% TCMX	90			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	99			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
a-BHC	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
b-BHC	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Chlordane	ND	42	42	ug/Kg	2	09/04/24	CN	SW8081B
d-BHC	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan I	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan II	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan sulfate	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endrin	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endrin aldehyde	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endrin ketone	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	09/04/24	CN	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor epoxide	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	09/04/24	CN	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	09/04/24	CN	SW8081B

QA/QC Surrogates

% DCBP	107			%	2	09/04/24	CN	30 - 150 %
% DCBP (Confirmation)	104			%	2	09/04/24	CN	30 - 150 %
% TCMX	88			%	2	09/04/24	CN	30 - 150 %
% TCMX (Confirmation)	96			%	2	09/04/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	29	5.8	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	29	5.8	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	12	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.8	2.3	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	5.8	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	12	5.8	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.8	5.8	ug/Kg	1	08/28/24	JLI	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	2.9	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.8	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.8	0.58	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	94			%	1	08/28/24	JLI	70 - 130 %
MS/MSD Volatiles	Completed					08/28/24	JLI	
Volatile Library Search	Completed					05/07/25	JLI	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	290	100	ug/Kg	1	09/04/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	290	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dichlorophenol	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrophenol	ND	420	210	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrotoluene	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
2,6-Dinitrotoluene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylnaphthalene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitroaniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitrophenol	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	290	200	ug/Kg	1	09/04/24	MR	SW8270E
3-Nitroaniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloroaniline	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitroaniline	ND	670	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitrophenol	ND	290	84	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthylene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Acetophenone	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
Anthracene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzidine	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(a)pyrene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzoic acid	ND	840	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	420	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
Carbazole	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
Chrysene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-butylphthalate	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/24	MR	SW8270E
Fluoranthene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Fluorene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachloroethane	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Isophorone	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Naphthalene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Nitrobenzene	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodimethylamine	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	420	160	ug/Kg	1	09/04/24	MR	SW8270E
Pentachloronitrobenzene	ND	420	130	ug/Kg	1	09/04/24	MR	SW8270E
Pentachlorophenol	ND	420	160	ug/Kg	1	09/04/24	MR	SW8270E
Phenanthrene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Phenol	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Pyrene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Pyridine	ND	420	100	ug/Kg	1	09/04/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	09/04/24	MR	30 - 130 %
% Nitrobenzene-d5	65			%	1	09/04/24	MR	30 - 130 %
% Phenol-d5	61			%	1	09/04/24	MR	30 - 130 %
% Terphenyl-d14	58			%	1	09/04/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

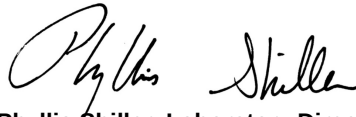
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time

08/26/24 12:15
08/27/24 17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50335

Project ID: NEWTON
Client ID: SB-13/MW-13 8-9FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	12.7	0.79	0.79	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	28.3	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	8.42	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	13.6	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	82			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	400	400	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	86			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	102			%	10	09/04/24	SC	30 - 150 %
% TCMX	85			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	92			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	09/04/24	CN	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	09/04/24	CN	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	09/04/24	CN	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Chlordane	ND	40	40	ug/Kg	2	09/04/24	CN	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	09/04/24	CN	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	09/04/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	09/04/24	CN	SW8081B

QA/QC Surrogates

% DCBP	92			%	2	09/04/24	CN	30 - 150 %
% DCBP (Confirmation)	93			%	2	09/04/24	CN	30 - 150 %
% TCMX	89			%	2	09/04/24	CN	30 - 150 %
% TCMX (Confirmation)	89			%	2	09/04/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	28	5.6	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	5.6	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	35	S 28	5.6	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	11	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.6	2.2	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	5.6	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	11	5.6	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.6	5.6	ug/Kg	1	08/28/24	JLI	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	102			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	92			%	1	08/28/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	97	ug/Kg	1	09/04/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrophenol	ND	410	200	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Chloronaphthalene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Chlorophenol	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitroaniline	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	09/04/24	MR	SW8270E
3-Nitroaniline	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	410	120	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitroaniline	ND	650	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitrophenol	ND	280	81	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Acetophenone	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Aniline	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benz(a)anthracene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzoic acid	ND	810	160	ug/Kg	1	09/04/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	410	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	410	120	ug/Kg	1	09/04/24	MR	SW8270E
Carbazole	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
Chrysene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Dimethylphthalate	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-butylphthalate	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobutadiene	ND	280	150	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Naphthalene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodimethylamine	ND	410	110	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	410	160	ug/Kg	1	09/04/24	MR	SW8270E
Pentachloronitrobenzene	ND	410	120	ug/Kg	1	09/04/24	MR	SW8270E
Pentachlorophenol	ND	410	150	ug/Kg	1	09/04/24	MR	SW8270E
Phenanthrene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Pyridine	ND	410	100	ug/Kg	1	09/04/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	58			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorobiphenyl	44			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorophenol	47			%	1	09/04/24	MR	30 - 130 %
% Nitrobenzene-d5	47			%	1	09/04/24	MR	30 - 130 %
% Phenol-d5	46			%	1	09/04/24	MR	30 - 130 %
% Terphenyl-d14	37			%	1	09/04/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
08/26/24	12:20
08/27/24	17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50336

Project ID: NEWTON
Client ID: SB-13/MW-13 11-12FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.44	0.44	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	ND	0.88	0.88	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	10.2	0.44	0.44	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.44	0.44	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	5.20	0.44	0.44	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	2.32	0.44	0.44	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.8	1.5	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	79			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	420	420	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	91			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	100			%	10	09/04/24	SC	30 - 150 %
% TCMX	93			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	102			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	09/04/24	CN	SW8081B
a-BHC	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
b-BHC	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Chlordane	ND	42	42	ug/Kg	2	09/04/24	CN	SW8081B
d-BHC	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan I	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan II	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan sulfate	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endrin	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endrin aldehyde	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Endrin ketone	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	09/04/24	CN	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor epoxide	ND	8.4	8.4	ug/Kg	2	09/04/24	CN	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	09/04/24	CN	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	09/04/24	CN	SW8081B

QA/QC Surrogates

% DCBP	97			%	2	09/04/24	CN	30 - 150 %
% DCBP (Confirmation)	102			%	2	09/04/24	CN	30 - 150 %
% TCMX	91			%	2	09/04/24	CN	30 - 150 %
% TCMX (Confirmation)	96			%	2	09/04/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	26	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	26	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	11	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.3	2.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	11	5.3	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.6	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.3	5.3	ug/Kg	1	08/28/24	JLI	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.6	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	94			%	1	08/28/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	290	100	ug/Kg	1	09/04/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	290	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dichlorophenol	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrophenol	ND	420	210	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrotoluene	ND	290	160	ug/Kg	1	09/04/24	MR	SW8270E
2,6-Dinitrotoluene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Chloronaphthalene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Chlorophenol	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylnaphthalene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitroaniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitrophenol	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	420	160	ug/Kg	1	09/04/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	290	200	ug/Kg	1	09/04/24	MR	SW8270E
3-Nitroaniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloroaniline	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitroaniline	ND	660	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitrophenol	ND	290	83	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthylene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Acetophenone	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Aniline	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benz(a)anthracene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzidine	ND	290	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(a)pyrene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzoic acid	ND	830	170	ug/Kg	1	09/04/24	MR	SW8270E
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	420	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
Carbazole	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
Chrysene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Dibenzofuran	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Diethyl phthalate	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Dimethylphthalate	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-butylphthalate	ND	420	170	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-octylphthalate	ND	290	110	ug/Kg	1	09/04/24	MR	SW8270E
Fluoranthene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Fluorene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobenzene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobutadiene	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachloroethane	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Isophorone	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Naphthalene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Nitrobenzene	ND	290	150	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodimethylamine	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	420	160	ug/Kg	1	09/04/24	MR	SW8270E
Pentachloronitrobenzene	ND	420	120	ug/Kg	1	09/04/24	MR	SW8270E
Pentachlorophenol	ND	420	160	ug/Kg	1	09/04/24	MR	SW8270E
Phenanthrene	ND	290	120	ug/Kg	1	09/04/24	MR	SW8270E
Phenol	ND	290	130	ug/Kg	1	09/04/24	MR	SW8270E
Pyrene	ND	290	140	ug/Kg	1	09/04/24	MR	SW8270E
Pyridine	ND	420	100	ug/Kg	1	09/04/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	67			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorobiphenyl	52			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorophenol	56			%	1	09/04/24	MR	30 - 130 %
% Nitrobenzene-d5	59			%	1	09/04/24	MR	30 - 130 %
% Phenol-d5	54			%	1	09/04/24	MR	30 - 130 %
% Terphenyl-d14	54			%	1	09/04/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

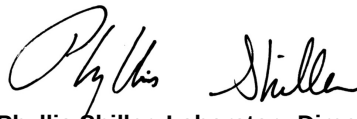
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time

08/26/24 12:25
08/27/24 17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50337

Project ID: NEWTON
Client ID: SB-13/MW-13 14-15FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	0.93	0.72	0.72	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	13.3	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	4.88	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	2.25	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	83			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	AC1/J/U	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	93			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	115			%	10	09/04/24	SC	30 - 150 %
% TCMX	95			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	99			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	09/04/24	CN	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Chlordane	ND	39	39	ug/Kg	2	09/04/24	CN	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	09/04/24	CN	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	09/04/24	CN	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	09/04/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	09/04/24	CN	SW8081B

QA/QC Surrogates

% DCBP	98			%	2	09/04/24	CN	30 - 150 %
% DCBP (Confirmation)	103			%	2	09/04/24	CN	30 - 150 %
% TCMX	90			%	2	09/04/24	CN	30 - 150 %
% TCMX (Confirmation)	94			%	2	09/04/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	26	5.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	5.1	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	34	S 26	5.1	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	10	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.1	2.0	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	5.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	10	5.1	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.1	5.1	ug/Kg	1	08/28/24	JLI	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	92			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	106			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	100			%	1	08/28/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	96	ug/Kg	1	09/04/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrophenol	ND	400	200	ug/Kg	1	09/04/24	MR	SW8270E
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
2-Chloronaphthalene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2-Chlorophenol	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylnaphthalene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitroaniline	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
2-Nitrophenol	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	280	190	ug/Kg	1	09/04/24	MR	SW8270E
3-Nitroaniline	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	400	120	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
4-Chloroaniline	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitroaniline	ND	640	130	ug/Kg	1	09/04/24	MR	SW8270E
4-Nitrophenol	ND	280	80	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Acenaphthylene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Acetophenone	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Aniline	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benz(a)anthracene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzidine	ND	280	160	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(a)pyrene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Benzoic acid	ND	800	160	ug/Kg	1	09/04/24	MR	SW8270E
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	400	110	ug/Kg	1	09/04/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	400	120	ug/Kg	1	09/04/24	MR	SW8270E
Carbazole	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
Chrysene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Dibenzofuran	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Diethyl phthalate	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Dimethylphthalate	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-butylphthalate	ND	400	160	ug/Kg	1	09/04/24	MR	SW8270E
Di-n-octylphthalate	ND	280	100	ug/Kg	1	09/04/24	MR	SW8270E
Fluoranthene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Fluorene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobenzene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorobutadiene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Hexachloroethane	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Isophorone	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Naphthalene	ND	280	120	ug/Kg	1	09/04/24	MR	SW8270E
Nitrobenzene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodimethylamine	ND	400	110	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	400	150	ug/Kg	1	09/04/24	MR	SW8270E
Pentachloronitrobenzene	ND	400	120	ug/Kg	1	09/04/24	MR	SW8270E
Pentachlorophenol	ND	400	150	ug/Kg	1	09/04/24	MR	SW8270E
Phenanthrene	ND	280	110	ug/Kg	1	09/04/24	MR	SW8270E
Phenol	ND	280	130	ug/Kg	1	09/04/24	MR	SW8270E
Pyrene	ND	280	140	ug/Kg	1	09/04/24	MR	SW8270E
Pyridine	ND	400	98	ug/Kg	1	09/04/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	61			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorobiphenyl	47			%	1	09/04/24	MR	30 - 130 %
% 2-Fluorophenol	47			%	1	09/04/24	MR	30 - 130 %
% Nitrobenzene-d5	50			%	1	09/04/24	MR	30 - 130 %
% Phenol-d5	45			%	1	09/04/24	MR	30 - 130 %
% Terphenyl-d14	39			%	1	09/04/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24

Time

17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50338

Project ID: NEWTON
Client ID: DUP-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A

1

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	370	74	ug/Kg	50	08/29/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	370	74	ug/Kg	50	08/29/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	370	74	ug/Kg	50	08/29/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	370	74	ug/Kg	50	08/29/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	370	74	ug/Kg	50	08/29/24	JLI	SW8260D
2-Hexanone	ND	30	5.9	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
4-Chlorotoluene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	160	S 30	5.9	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	12	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.9	2.4	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
Isopropylbenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	38	30	5.9	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	12	5.9	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	370	74	ug/Kg	50	08/29/24	JLI	SW8260D
n-Butylbenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
n-Propylbenzene	ND	370	74	ug/Kg	50	08/29/24	JLI	SW8260D
o-Xylene	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
sec-Butylbenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
Styrene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	370	37	ug/Kg	50	08/29/24	JLI	SW8260D
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.9	5.9	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	740	180	ug/Kg	50	08/29/24	JLI	SW8260D
Trichloroethene	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	08/28/24	JLI	SW8260D

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	108			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	76			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	111			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/28/24	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	102			%	50	08/29/24	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97			%	50	08/29/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	98			%	50	08/29/24	JLI	70 - 130 %
% Toluene-d8 (50x)	100			%	50	08/29/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24
08/27/24

Time

13:50
17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50339

Project ID: NEWTON
Client ID: SB-14/MW-14 7`-8`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	0.92	0.73	0.73	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	62.2	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	0.88	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	19.5	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	20.0	N 0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.5	1.2	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	85			%		08/27/24	CV	SW846-%Solid
Extraction for SVOA SIM	Completed					09/04/24	C/A	SW3545A
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed					09/04/24	X/X	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B
PFAS (40) by EPA 1633	Completed					09/03/24	AM	EPA 1633 Draft 3

PFAS (40) by EPA 1633

11CI-PF3OUdS	ND	0.890	0.366	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.904	0.889	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.883	0.701	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.895	0.701	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
3:3FTCA	ND	1.18	0.747	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
5:3FTCA	ND	5.89	2.47	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
7:3FTCA	ND	5.89	1.77	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
9CI-PF3ONS	ND	0.881	0.290	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
ADONA	ND	0.890	0.205	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
HFPO-DA	ND	0.942	0.716	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
NEtFOSA	ND	0.236	0.233	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
NEtFOSAA	ND	0.236	0.228	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
NEtFOSE	ND	2.36	0.821	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
NFDHA	ND	0.471	0.227	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
NMeFOSA	ND	0.236	0.212	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
NMeFOSAA	ND	0.236	0.174	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
NMeFOSE	ND	2.36	0.719	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.227	0.225	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.236	0.183	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.236	0.172	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.208	0.131	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorodecanoic acid (PFDA)	ND	0.236	0.225	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.228	0.199	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorododecanoic acid (PFDoA)	ND	0.236	0.192	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoroheptanoic acid (PFHpA)	ND	0.236	0.124	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.215	0.211	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorohexanoic acid (PFHxA)	ND	0.236	0.0624	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.942	0.128	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.226	0.146	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorononanoic acid (PFNA)	ND	0.236	0.223	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.219	0.197	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorooctanoic acid (PFOA)	ND	0.236	0.203	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.221	0.185	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoropentanoic acid (PFPeA)	ND	0.471	0.128	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorotetradecanoic acid (PFTA)	ND	0.236	0.121	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.236	0.147	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
Perfluoroundecanoic acid (PFUnA)	ND	0.236	0.233	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
PFEESA	ND	0.419	0.164	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
PFMBA	ND	0.471	0.113	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
PFMPA	ND	0.471	0.0730	ng/g	1	09/05/24	AM	EPA 1633 Draft 3	C
<u>QA/QC Surrogates</u>									
% d3-N-MeFOSAA	106			%	1	09/05/24	AM	25 - 150 %	C
% d5-N-EtFOSAA	136			%	1	09/05/24	AM	25 - 150 %	C
% d7-N-MeFOSE	28.8			%	1	09/05/24	AM	25 - 150 %	C
% d9-N-EtFOSE	30.1			%	1	09/05/24	AM	25 - 150 %	C
% d-N-EtFOSA	73.8			%	1	09/05/24	AM	25 - 150 %	C
% d-N-MeFOSA	82.8			%	1	09/05/24	AM	25 - 150 %	C
% M2-4:2 FTS	223			%	1	09/05/24	AM	25 - 150 %	C,3
% M2-6:2 FTS	157			%	1	09/05/24	AM	25 - 200 %	C
% M2-8:2 FTS	129			%	1	09/05/24	AM	25 - 200 %	C
% M2PFTEDA	56.3			%	1	09/05/24	AM	10 - 150 %	C
% M3HFPO-DA	104			%	1	09/05/24	AM	25 - 150 %	C
% M3PFBS	95.2			%	1	09/05/24	AM	25 - 150 %	C
% M3PFHxS	93.6			%	1	09/05/24	AM	25 - 150 %	C
% M4PFHpA	86.8			%	1	09/05/24	AM	25 - 150 %	C
% M5PFHxA	90.8			%	1	09/05/24	AM	25 - 150 %	C
% M5PFPEA	53.7			%	1	09/05/24	AM	25 - 150 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M6PFDA	95.8			%	1	09/05/24	AM	25 - 150 %	C
% M7PFUDA	81.8			%	1	09/05/24	AM	25 - 150 %	C
% M8FOSA	108			%	1	09/05/24	AM	10 - 150 %	C
% M8PFOA	95.6			%	1	09/05/24	AM	25 - 150 %	C
% M8PFOS	95.2			%	1	09/05/24	AM	25 - 150 %	C
% M9PFNA	93.3			%	1	09/05/24	AM	25 - 150 %	C
% MPFBA	1.51			%	1	09/05/24	AM	25 - 150 %	C,3
% MPFDOA	54.9			%	1	09/05/24	AM	25 - 150 %	C

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1221	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1232	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1242	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1248	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1254	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1260	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1262	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	
PCB-1268	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A	

QA/QC Surrogates

% DCBP	82			%	10	09/04/24	SC	30 - 150 %	
% DCBP (Confirmation)	112			%	10	09/04/24	SC	30 - 150 %	
% TCMX	94			%	10	09/04/24	SC	30 - 150 %	
% TCMX (Confirmation)	102			%	10	09/04/24	SC	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	09/04/24	AW	SW8081B	
4,4' -DDE	5.3	2.3	2.3	ug/Kg	2	09/04/24	AW	SW8081B	
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	09/04/24	AW	SW8081B	
α-BHC	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
α-Chlordane	ND	3.9	3.9	ug/Kg	2	09/04/24	AW	SW8081B	
Aldrin	ND	3.9	3.9	ug/Kg	2	09/04/24	AW	SW8081B	
β-BHC	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Chlordane	ND	39	39	ug/Kg	2	09/04/24	AW	SW8081B	
δ-BHC	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Dieldrin	ND	3.9	3.9	ug/Kg	2	09/04/24	AW	SW8081B	
Endosulfan I	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Endosulfan II	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Endrin	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Endrin ketone	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
γ-BHC	ND	1.6	1.6	ug/Kg	2	09/04/24	AW	SW8081B	
γ-Chlordane	ND	3.9	3.9	ug/Kg	2	09/04/24	AW	SW8081B	
Heptachlor	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	09/04/24	AW	SW8081B	
Methoxychlor	ND	39	39	ug/Kg	2	09/04/24	AW	SW8081B	
Toxaphene	ND	160	160	ug/Kg	2	09/04/24	AW	SW8081B	

QA/QC Surrogates

% DCBP	106			%	2	09/04/24	AW	30 - 150 %	
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP (Confirmation)	101			%	2	09/04/24	AW	30 - 150 %
% TCMX	100			%	2	09/04/24	AW	30 - 150 %
% TCMX (Confirmation)	97			%	2	09/04/24	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	29	5.7	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	5.7	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	29	5.7	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	11	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.7	2.3	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Ethylbenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	5.7	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	11	5.7	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.9	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.7	5.7	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.9	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.7	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.7	0.57	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/28/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	93	ug/Kg	1	09/05/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	09/05/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	09/05/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	190	ug/Kg	1	09/05/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	09/05/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	160	ug/Kg	1	09/05/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	09/05/24	MR	SW8270E
2-Nitrophenol	ND	270	160	ug/Kg	1	09/05/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	09/05/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	09/05/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	09/05/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	09/05/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	09/05/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	09/05/24	MR	SW8270E
4-Chloroaniline	ND	270	160	ug/Kg	1	09/05/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
4-Nitroaniline	ND	620	130	ug/Kg	1	09/05/24	MR	SW8270E
4-Nitrophenol	ND	270	78	ug/Kg	1	09/05/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	09/05/24	MR	SW8270E
Anthracene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Benzidine	ND	270	160	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Benzoic acid	ND	780	160	ug/Kg	1	09/05/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	09/05/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	100	ug/Kg	1	09/05/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	09/05/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	09/05/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	09/05/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	09/05/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	09/05/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
Nitrobenzene	ND	270	140	ug/Kg	1	09/05/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	09/05/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	09/05/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	09/05/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	09/05/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	09/05/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	09/05/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	09/05/24	MR	SW8270E
Pyridine	ND	390	95	ug/Kg	1	09/05/24	MR	SW8270E

QA/QC Surrogates

% 2,4,6-Tribromophenol	79			%	1	09/05/24	MR	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	09/05/24	MR	30 - 130 %
% 2-Fluorophenol	63			%	1	09/05/24	MR	30 - 130 %
% Nitrobenzene-d5	59			%	1	09/05/24	MR	30 - 130 %
% Phenol-d5	66			%	1	09/05/24	MR	30 - 130 %
% Terphenyl-d14	72			%	1	09/05/24	MR	30 - 130 %

1,4-Dioxane

1,4-dioxane	ND	77	77	ug/Kg	1	09/06/24	MR	SW8270E (SIM)
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QA/QC Surrogates

% 2-Fluorobiphenyl	56			%	1	09/06/24	MR	30 - 130 %
% Nitrobenzene-d5	76			%	1	09/06/24	MR	30 - 130 %
% Terphenyl-d14	72			%	1	09/06/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633 (EPA 1633 Draft 3), PFOA/PFOS - Soil Extraction (EPA 1633 Draft 3) were analyzed by NY certified lab #12058.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24
08/27/24

Time

13:55
17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50340

Project ID: NEWTON
Client ID: SB-14/MW-14 9`-10`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	ND	0.79	0.79	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	12.5	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	5.52	0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	2.15	N 0.40	0.40	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	83			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for Pesticide	Completed					09/03/24	GW/GW	SW3546
Soil Extraction for SVOA	Completed						C/A	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	09/04/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	95			%	10	09/04/24	SC	30 - 150 %
% DCBP (Confirmation)	116			%	10	09/04/24	SC	30 - 150 %
% TCMX	94			%	10	09/04/24	SC	30 - 150 %
% TCMX (Confirmation)	99			%	10	09/04/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	09/04/24	CN	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	09/04/24	CN	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Chlordane	ND	39	39	ug/Kg	2	09/04/24	CN	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	09/04/24	CN	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	09/04/24	CN	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	09/04/24	CN	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	09/04/24	CN	SW8081B

QA/QC Surrogates

% DCBP	96			%	2	09/04/24	CN	30 - 150 %
% DCBP (Confirmation)	102			%	2	09/04/24	CN	30 - 150 %
% TCMX	95			%	2	09/04/24	CN	30 - 150 %
% TCMX (Confirmation)	99			%	2	09/04/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	10	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	10	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.0	5.0	ug/Kg	1	08/28/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	101			%	1	08/28/24	JLI	70 - 130 %

Volatile Library Search Completed 05/07/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	94	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	200	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	620	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	270	78	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	780	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	390	96	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	74			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	66			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	76			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	74			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

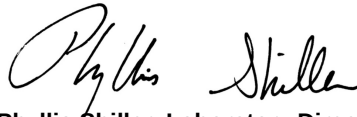
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time
08/26/24 14:00
08/27/24 17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50341

Project ID: NEWTON
Client ID: SB-14/MW-14 14`-15`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Arsenic	ND	0.72	0.72	mg/Kg	1	08/29/24	CPP	SW6010D
Barium	7.95	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Cadmium	ND	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Chromium	4.80	0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/29/24	AL1	SW7471B
Lead	1.94	N 0.36	0.36	mg/Kg	1	08/29/24	CPP	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	08/29/24	CPP	SW6010D
Percent Solid	84			%		08/27/24	CV	SW846-%Solid
Field Extraction	Completed					08/26/24		SW5035A
Mercury Digestion	Completed					08/29/24	AC1/AC1	SW7471B
Soil Extraction for PCB	Completed					09/04/24	R/H/X	SW3546
Soil Extraction for Pesticide	Completed					09/04/24	R/H/X	SW3546
Soil Extraction for SVOA	Completed						C/A	SW3546
Total Metals Digest	Completed					08/28/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1221	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1232	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1242	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1248	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1254	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1260	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1262	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A
PCB-1268	ND	390	390	ug/Kg	10	09/05/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	50			%	10	09/05/24	SC	30 - 150 %
% DCBP (Confirmation)	50			%	10	09/05/24	SC	30 - 150 %
% TCMX	71			%	10	09/05/24	SC	30 - 150 %
% TCMX (Confirmation)	68			%	10	09/05/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	09/05/24	CN	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	09/05/24	CN	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	09/05/24	CN	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	09/05/24	CN	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	09/05/24	CN	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Chlordane	ND	39	39	ug/Kg	2	09/05/24	CN	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	09/05/24	CN	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	09/05/24	CN	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	09/05/24	CN	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	09/05/24	CN	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	09/05/24	CN	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	09/05/24	CN	SW8081B

QA/QC Surrogates

% DCBP	41			%	2	09/05/24	CN	30 - 150 %
% DCBP (Confirmation)	43			%	2	09/05/24	CN	30 - 150 %
% TCMX	64			%	2	09/05/24	CN	30 - 150 %
% TCMX (Confirmation)	68			%	2	09/05/24	CN	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
4-Chlorotoluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	11	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.4	2.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	11	5.4	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.4	5.4	ug/Kg	1	08/28/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	1.1	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.4	0.54	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	114			%	1	08/28/24	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	109			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	100			%	1	08/28/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	94	ug/Kg	1	08/29/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	190	ug/Kg	1	08/29/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/29/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
2-Nitrophenol	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/29/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
4-Chloroaniline	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitroaniline	ND	620	130	ug/Kg	1	08/29/24	MR	SW8270E
4-Nitrophenol	ND	270	78	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzidine	ND	270	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Benzoic acid	ND	780	160	ug/Kg	1	08/29/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	08/29/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	08/29/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Nitrobenzene	ND	270	140	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/29/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/29/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/29/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/29/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/29/24	MR	SW8270E
Pyridine	ND	390	96	ug/Kg	1	08/29/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	65			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	08/29/24	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	08/29/24	MR	30 - 130 %
% Nitrobenzene-d5	54			%	1	08/29/24	MR	30 - 130 %
% Phenol-d5	65			%	1	08/29/24	MR	30 - 130 %
% Terphenyl-d14	64			%	1	08/29/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

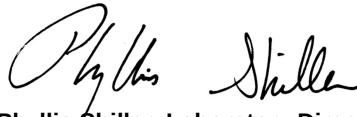
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time
08/26/24 8:00
08/27/24 17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50342

Project ID: NEWTON
Client ID: EQUIPMENT BLANKS

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	08/29/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/29/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	08/29/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	08/29/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	08/29/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	08/29/24	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	08/29/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	08/29/24	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Carbon Disulfide	ND	5.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/29/24	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	08/29/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	08/29/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	08/29/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	08/29/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	08/29/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	08/29/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	08/29/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/29/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	08/29/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	08/29/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/29/24	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	08/29/24	MH	70 - 130 %
% Dibromofluoromethane	92			%	1	08/29/24	MH	70 - 130 %

1

Project ID: NEWTON
Client ID: EQUIPMENT BLANKS

Phoenix I.D.: CR50342

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	08/29/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24

Time

17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50343

Project ID: NEWTON
Client ID: TRIP BLANKS LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/26/24		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
2-Hexanone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Acetone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Acrylonitrile	ND	10	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Benzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Bromoform	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Chloroform	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Methylene chloride	ND	10	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Styrene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/28/24	JLI	SW8260D
Toluene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Total Xylenes	ND	5.0	5.0	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/28/24	JLI	SW8260D
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	08/28/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98			%	1	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	08/28/24	JLI	70 - 130 %
% Toluene-d8	92			%	1	08/28/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

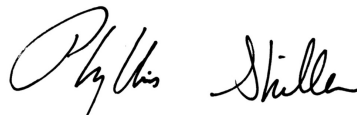
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/26/24

Time

17:31

Laboratory Data

SDG ID: GCR50329
Phoenix ID: CR50344

Project ID: NEWTON
Client ID: TRIP BLANKS HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/26/24		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,1-Dichloroethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,1-Dichloroethene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,1-Dichloropropene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,2-Dibromoethane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,2-Dichloroethane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,2-Dichloropropane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
1,3-Dichloropropane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
2,2-Dichloropropane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
2-Chlorotoluene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
2-Hexanone	ND	1300	250	ug/Kg	50	08/28/24	JLI	SW8260D
2-Isopropyltoluene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	08/28/24	JLI	SW8260D
Acetone	ND	5000	250	ug/Kg	50	08/28/24	JLI	SW8260D
Acrylonitrile	ND	500	25	ug/Kg	50	08/28/24	JLI	SW8260D
Benzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Bromobenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Bromochloromethane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Bromodichloromethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Bromoform	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Bromomethane	ND	250	100	ug/Kg	50	08/28/24	JLI	SW8260D
Carbon Disulfide	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Carbon tetrachloride	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Chlorobenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Chloroethane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Chloroform	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Chloromethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Dibromochloromethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Dibromomethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Ethylbenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Hexachlorobutadiene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Isopropylbenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
m&p-Xylene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	3000	250	ug/Kg	50	08/28/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Methylene chloride	ND	500	250	ug/Kg	50	08/28/24	JLI	SW8260D
Naphthalene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
n-Butylbenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
n-Propylbenzene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
o-Xylene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
p-Isopropyltoluene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
sec-Butylbenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Styrene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
tert-Butylbenzene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Tetrachloroethene	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	08/28/24	JLI	SW8260D
Toluene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Total Xylenes	ND	250	250	ug/Kg	50	08/28/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	08/28/24	JLI	SW8260D
Trichloroethene	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Trichlorofluoromethane	ND	250	50	ug/Kg	50	08/28/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
Vinyl chloride	ND	250	25	ug/Kg	50	08/28/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (50x)	96			%	50	08/28/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	99			%	50	08/28/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94			%	50	08/28/24	JLI	70 - 130 %
% Toluene-d8 (50x)	94			%	50	08/28/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/07/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

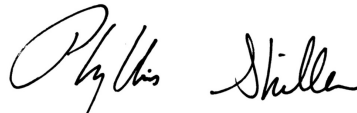
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

SB-11/MW-11 8-9FT

Page 96 of 150

SB-11/MW-11 14-15FT

CLIENT ID
SB-12/MW-12 6`-7`

Client: LABELLA

SAS No.:

SDG No.: GCR50329

Lab Sample ID: CR50332

Lab File ID: 0828_24.D

Date Received: 08/27/24

Date Analyzed: 08/28/24

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID
SB-12/MW-12 13.5FT-15FT

Client: LABELLA

SAS No.:

SDG No.: GCR50329

Lab Sample ID: CR50334

Lab File ID: 0828_22.D

Date Received: 08/27/24

Date Analyzed: 08/28/24

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

CONCENTRATION UNITS:
(ug/L or ug/KG)

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID
SB-13/MW-13 8-9FT

SB-13/MW-13 11-12FT

SB-13/MW-13 14-15FT

CLIENT ID

DUP-4

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GCR50329

Matrix:(soil/water) SOIL

Lab Sample ID: CR50338

Sample wt/vol: 5.28 (g/mL) g

Lab File ID: 0828_23.D

Level: (low/med) Low

Date Received: 08/27/24

% Moisture: not dec.	20
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Date Analyzed: 08/28/24

GC Column: RTX-VMS ID: 0.18 mm

Dilution Factor: 1

Purge Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

SB-14/MW-14 7'-8'

SB-14/MW-14 9'-10'

SB-14/MW-14 14'-15'

EQUIPMENT BLANKS

CLIENT ID
TRIP BLANKS LL

Client: LABELLA

SAS No.:

SDG No.: GCR50329

Lab Sample ID: CR50343

Lab File ID: 0828_11.D

Date Received: 08/27/24

Date Analyzed: 08/28/24

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID
TRIP BLANKS HL

[illegible]

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 746663 (mg/kg), QC Sample No: CR49995 (CR50329, CR50330, CR50331, CR50332)

Mercury - Soil	BRL	0.03	0.11	0.09	20.0	89.9	92.5	2.9	90.4	95.2	5.2	75 - 125	30
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QA/QC Batch 746880 (mg/kg), QC Sample No: CR50337 (CR50333, CR50334, CR50335, CR50336, CR50337, CR50339, CR50340, CR50341)

Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	94.3	93.8	0.5	97.3	91.7	5.9	75 - 125	30
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QA/QC Batch 746595 (mg/kg), QC Sample No: CR49872 (CR50329)

ICP Metals - Soil

Arsenic	BRL	0.67	3.81	3.66	NC	100	92.9	7.4	90.8			80 - 120	30
Barium	BRL	0.33	69.8	60.8	13.8	99.9	99.0	0.9	102			80 - 120	30
Cadmium	BRL	0.33	<0.35	<0.40	NC	102	94.4	7.7	90.5			80 - 120	30
Chromium	BRL	0.33	26.5	26.7	0.80	97.7	97.7	0.0	101			80 - 120	30
Lead	BRL	0.33	38.0	30.0	23.5	94.3	91.6	2.9	97.3			80 - 120	30
Selenium	BRL	1.3	<1.4	<1.6	NC	84.2	85.0	0.9	79.6			80 - 120	30
Silver	BRL	0.33	<0.35	<0.40	NC	104	94.4	9.7	97.2			70 - 130	30

QA/QC Batch 746751 (mg/kg), QC Sample No: CR50493 (CR50339, CR50340, CR50341)

ICP Metals - Soil

Arsenic	BRL	0.67	3.96	4.72	17.5	90.8	94.5	4.0	90.5			80 - 120	30
Barium	BRL	0.33	129	139	7.50	97.5	103	5.5	86.5			80 - 120	30
Cadmium	BRL	0.33	0.43	0.48	NC	94.4	92.5	2.0	93.8			80 - 120	30
Chromium	BRL	0.33	32.6	30.9	5.40	97.2	101	3.8	91.5			80 - 120	30
Lead	BRL	0.33	146	143	2.10	93.3	96.6	3.5	71.8			80 - 120	30 m
Selenium	BRL	1.3	1.6	1.9	NC	83.9	88.2	5.0	83.2			80 - 120	30
Silver	BRL	0.33	<0.38	<0.42	NC	91.5	95.6	4.4	91.9			70 - 130	30

QA/QC Batch 746750 (mg/kg), QC Sample No: CR50795 (CR50330, CR50331, CR50332, CR50333, CR50334, CR50335, CR50336, CR50337)

ICP Metals - Soil

Arsenic	BRL	0.25	10.1	10.9	7.60	91.9	93.4	1.6	94.0	92.6	1.5	80 - 120	30
Barium	BRL	0.13	72.0	80.9	11.6	92.9	94.7	1.9	115	112	2.6	80 - 120	30
Cadmium	BRL	0.07	1.42	1.70	17.9	93.7	98.8	5.3	95.7	94.8	0.9	80 - 120	30
Chromium	BRL	0.13	82.6	90.1	8.70	97.1	99.5	2.4	106	101	4.8	80 - 120	30
Lead	BRL	0.13	126	154	20.0	95.1	97.1	2.1	103	93.9	9.2	80 - 120	30
Selenium	BRL	0.50	2.4	2.7	NC	85.3	85.2	0.1	85.0	82.8	2.6	80 - 120	30
Silver	BRL	0.13	0.95	1.11	NC	91.8	93.2	1.5	95.6	93.6	2.1	70 - 130	30

Comment:

Certified CRM ERA D123-540 was used as the LCS/LSCD

m = This parameter is outside laboratory MS/MSD specified recovery limits.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 747964 (ng/g), QC Sample No: CR50339 (CR50339)										
PFOA & PFOS										
11Cl-PF3OUdS	ND	0.750	69.4	70.8					50 - 150	
3:3FTCA	ND	0.992	125	113					50 - 150	
4:2FTS	ND	0.744	92.1	90.9					50 - 150	
5:3FTCA	ND	4.96	118	109					50 - 150	
6:2FTS	ND	0.754	97.7	88.3					50 - 150	
7:3FTCA	ND	4.96	114	113					50 - 150	
8:2FTS	ND	0.762	104	94.8					50 - 150	
9Cl-PF3ONS	ND	0.742	98.8	104					50 - 150	
ADONA	ND	0.750	103	97.6					50 - 150	
FOSA	ND	0.198	104	95.0					50 - 150	
HFPO-DA	ND	0.794	101	133					50 - 150	
NEtFOSA	ND	0.198	105	103					50 - 150	
NEtFOSAA	ND	0.198	106	104					50 - 150	
NEtFOSE	ND	1.98	95.0	98.9					50 - 150	
NFDHA	ND	0.397	103	88.0					50 - 150	
NMeFOSA	ND	0.198	99.2	106					50 - 150	
NMeFOSAA	ND	0.198	111	120					50 - 150	
NMeFOSE	ND	1.98	114	106					50 - 150	
PFBA	ND	0.794	106	96.2					50 - 150	
PFBS	ND	0.176	106	96.5					50 - 150	
PFDA	ND	0.198	79.1	84.9					50 - 150	
PFDaA	ND	0.198	101	99.5					50 - 150	
PFDaDS	ND	0.192	56.1	57.2					50 - 150	
PFDS	ND	0.191	67.1	72.7					50 - 150	
PFEESA	ND	0.353	129	118					50 - 150	
PFHpA	ND	0.198	103	108					50 - 150	
PFHpS	ND	0.198	118	110					50 - 150	
PFHxA	ND	0.198	97.7	93.0					50 - 150	
PFHxS	ND	0.182	89.9	79.5					50 - 150	
PFMBA	ND	0.397	114	103					50 - 150	
PFMPA	ND	0.397	91.6	55.2					50 - 150	
PFNA	ND	0.198	103	86.6					50 - 150	
PFNS	ND	0.190	93.9	98.2					50 - 150	
PFOA	ND	0.198	114	92.1					50 - 150	
PFOS	ND	0.185	103	95.4					50 - 150	
PFPeA	ND	0.397	104	95.8					50 - 150	
PFPeS	ND	0.187	94.6	86.7					50 - 150	
PFTA	ND	0.198	94.0	93.1					50 - 150	
PFTTrDA	ND	0.198	97.4	103					50 - 150	
PFUnA	ND	0.198	94.8	96.9					50 - 150	
% d3-N-MeFOSAA	80.6	0	87.8	99.4					25 - 150	

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	257	0	257	219					25 - 150	I,s
% M2-6:2 FTS	184	0	177	169					25 - 200	
% M2-8:2 FTS	96.6	0	105	107					25 - 200	
% M2PFTEDA	49.8	0	62.4	64.0					10 - 150	
% M3HFPO-DA	115	0	111	115					25 - 150	
% M3PFBS	107	0	97.9	104					25 - 150	
% M3PFHxS	99.7	0	102	102					25 - 150	
% M4PFHpA	98.4	0	107	105					25 - 150	
% M5PFHxA	100	0	96.3	105					25 - 150	
% M5PFPEA	87.1	0	88.4	96.6					25 - 150	
% M6PFDA	102	0	111	121					25 - 150	
% M7PFUDA	78.7	0	87.2	86.7					25 - 150	
% M8FOSA	90.1	0	91.2	100					10 - 150	
% M8PFOA	109	0	98.6	119					25 - 150	
% M8PFOS	98.3	0	99.7	101					25 - 150	
% M9PFNA	105	0	89.9	112					25 - 150	
% MPFBA	86.8	0	65.2	18.1					25 - 150	I
% MPFDOA	63.4	0	63.4	72.4					25 - 150	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 747494 (ug/Kg), QC Sample No: CR50334 (CR50329, CR50330, CR50331, CR50332, CR50333, CR50334, CR50335, CR50336, CR50337, CR50339, CR50340)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	99	95	4.1	92	92	0.0	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	107	101	5.8	94	95	1.1	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	101	%	116	112	3.5	97	100	3.0	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	98	%	113	108	4.5	92	95	3.2	30 - 150	30
% TCMX (Surrogate Rec)	88	%	101	94	7.2	90	90	0.0	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	89	%	96	92	4.3	90	88	2.2	30 - 150	30

QA/QC Batch 747648 (ug/Kg), QC Sample No: CR50341 (CR50341)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	57	62	8.4	81	76	6.4	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	55	58	5.3	54	66	20.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	72	%	58	61	5.0	52	67	25.2	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	75	%	58	61	5.0	52	68	26.7	30 - 150	30
% TCMX (Surrogate Rec)	64	%	58	65	11.4	94	70	29.3	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	63	%	58	67	14.4	97	72	29.6	30 - 150	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 747495 (ug/Kg), QC Sample No: CR50334 (CR50329, CR50330, CR50331, CR50332, CR50333, CR50334, CR50335, CR50336, CR50337, CR50339, CR50340)

Pesticides - Soil

4,4' -DDD	ND	1.7	81	85	4.8	81	73	10.4	40 - 140	30
4,4' -DDE	ND	1.7	90	94	4.3	98	81	19.0	40 - 140	30
4,4' -DDT	ND	1.7	91	95	4.3	85	77	9.9	40 - 140	30
a-BHC	ND	1.0	85	87	2.3	64	70	9.0	40 - 140	30
a-Chlordane	ND	3.3	97	102	5.0	98	90	8.5	40 - 140	30
Aldrin	ND	1.0	95	99	4.1	97	89	8.6	40 - 140	30
b-BHC	ND	1.0	88	90	2.2	88	79	10.8	40 - 140	30
Chlordane	ND	33	99	104	4.9	101	91	10.4	40 - 140	30
d-BHC	ND	3.3	82	81	1.2	22	41	60.3	40 - 140	30 m,r
Dieldrin	ND	1.0	102	107	4.8	103	92	11.3	40 - 140	30
Endosulfan I	ND	3.3	106	110	3.7	77	79	2.6	40 - 140	30
Endosulfan II	ND	3.3	105	110	4.7	74	81	9.0	40 - 140	30
Endosulfan sulfate	ND	3.3	93	97	4.2	82	78	5.0	40 - 140	30
Endrin	ND	3.3	105	110	4.7	105	95	10.0	40 - 140	30
Endrin aldehyde	ND	3.3	87	92	5.6	78	74	5.3	40 - 140	30
Endrin ketone	ND	3.3	114	113	0.9	97	92	5.3	40 - 140	30
g-BHC	ND	1.0	101	105	3.9	78	85	8.6	40 - 140	30
g-Chlordane	ND	3.3	99	104	4.9	101	91	10.4	40 - 140	30
Heptachlor	ND	3.3	83	87	4.7	86	77	11.0	40 - 140	30
Heptachlor epoxide	ND	3.3	95	100	5.1	96	87	9.8	40 - 140	30
Methoxychlor	ND	3.3	135	87	43.2	79	86	8.5	40 - 140	30 r
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	96	%	86	90	4.5	84	77	8.7	30 - 150	30
% DCBP (Confirmation)	75	%	72	73	1.4	70	64	9.0	30 - 150	30
% TCMX	90	%	82	85	3.6	85	77	9.9	30 - 150	30
% TCMX (Confirmation)	91	%	76	80	5.1	85	74	13.8	30 - 150	30

QA/QC Batch 747649 (ug/Kg), QC Sample No: CR50341 (CR50341)

Pesticides - Soil

4,4' -DDD	ND	1.7	63	53	17.2	32	36	11.8	40 - 140	30
4,4' -DDE	ND	1.7	73	61	17.9	39	50	24.7	40 - 140	30
4,4' -DDT	ND	1.7	72	61	16.5	33	42	24.0	40 - 140	30
a-BHC	ND	1.0	59	48	20.6	35	30	15.4	40 - 140	30
a-Chlordane	ND	3.3	82	68	18.7	47	59	22.6	40 - 140	30
Aldrin	ND	1.0	80	64	22.2	50	64	24.6	40 - 140	30
b-BHC	ND	1.0	70	85	19.4	40	43	7.2	40 - 140	30
Chlordane	ND	33	82	69	17.2	49	61	21.8	40 - 140	30
d-BHC	ND	3.3	43	41	4.8	29	20	36.7	40 - 140	30 m,r
Dieldrin	ND	1.0	85	71	17.9	48	56	15.4	40 - 140	30
Endosulfan I	ND	3.3	64	65	1.6	34	32	6.1	40 - 140	30
Endosulfan II	ND	3.3	59	64	8.1	30	29	3.4	40 - 140	30 m
Endosulfan sulfate	ND	3.3	67	59	12.7	32	31	3.2	40 - 140	30
Endrin	ND	3.3	86	72	17.7	49	56	13.3	40 - 140	30
Endrin aldehyde	ND	3.3	58	53	9.0	29	25	14.8	40 - 140	30 m
Endrin ketone	ND	3.3	82	67	20.1	43	45	4.5	40 - 140	30
g-BHC	ND	1.0	69	59	15.6	40	36	10.5	40 - 140	30
g-Chlordane	ND	3.3	82	69	17.2	49	61	21.8	40 - 140	30
Heptachlor	ND	3.3	72	57	23.3	43	57	28.0	40 - 140	30
Heptachlor epoxide	ND	3.3	79	66	17.9	46	56	19.6	40 - 140	30
Methoxychlor	ND	3.3	69	57	19.0	34	38	11.1	40 - 140	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	82	%	73	73	0.0	38	56	38.3	30 - 150	30	r
% DCBP (Confirmation)	47	%	47	41	13.6	25	30	18.2	30 - 150	30	m
% TCMX	71	%	79	63	22.5	55	64	15.1	30 - 150	30	
% TCMX (Confirmation)	70	%	75	66	12.8	61	66	7.9	30 - 150	30	
QA/QC Batch 746778 (ug/kg), QC Sample No: CR48036 (CR50340, CR50341)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	52	51	1.9	52	58	10.9	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	52	54	3.8	53	61	14.0	30 - 130	30	
1,2-Dichlorobenzene	ND	180	51	51	0.0	52	60	14.3	30 - 130	30	
1,2-Diphenylhydrazine	ND	230	62	58	6.7	60	66	9.5	30 - 130	30	
1,3-Dichlorobenzene	ND	230	48	49	2.1	50	58	14.8	30 - 130	30	
1,4-Dichlorobenzene	ND	230	49	50	2.0	51	58	12.8	30 - 130	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	48	44	8.7	46	52	12.2	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	67	61	9.4	64	71	10.4	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	71	64	10.4	66	74	11.4	30 - 130	30	
2,4-Dichlorophenol	ND	130	69	60	14.0	63	70	10.5	30 - 130	30	
2,4-Dimethylphenol	ND	230	76	65	15.6	70	77	9.5	30 - 130	30	
2,4-Dinitrophenol	ND	230	92	70	27.2	67	69	2.9	30 - 130	30	
2,4-Dinitrotoluene	ND	130	72	66	8.7	67	71	5.8	30 - 130	30	
2,6-Dinitrotoluene	ND	130	77	70	9.5	72	78	8.0	30 - 130	30	
2-Chloronaphthalene	ND	230	62	60	3.3	62	69	10.7	30 - 130	30	
2-Chlorophenol	ND	230	75	62	19.0	67	74	9.9	30 - 130	30	
2-Methylnaphthalene	ND	230	60	57	5.1	58	65	11.4	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	77	56	31.6	67	73	8.6	30 - 130	30	r
2-Nitroaniline	ND	330	94	78	18.6	83	89	7.0	30 - 130	30	
2-Nitrophenol	ND	230	68	61	10.9	56	61	8.5	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	79	63	22.5	71	77	8.1	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	77	71	8.1	74	82	10.3	30 - 130	30	
3-Nitroaniline	ND	330	89	75	17.1	81	85	4.8	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	86	73	16.4	73	76	4.0	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	61	59	3.3	63	68	7.6	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	75	64	15.8	69	75	8.3	30 - 130	30	
4-Chloroaniline	ND	230	68	58	15.9	63	67	6.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	61	59	3.3	62	68	9.2	30 - 130	30	
4-Nitroaniline	ND	230	76	65	15.6	71	77	8.1	30 - 130	30	
4-Nitrophenol	ND	230	90	76	16.9	84	89	5.8	30 - 130	30	
Acenaphthene	ND	230	64	61	4.8	63	69	9.1	30 - 130	30	
Acenaphthylene	ND	130	58	55	5.3	57	63	10.0	30 - 130	30	
Acetophenone	ND	230	64	54	16.9	58	65	11.4	30 - 130	30	
Aniline	ND	330	51	52	1.9	55	63	13.6	30 - 130	30	
Anthracene	ND	230	64	63	1.6	65	70	7.4	30 - 130	30	
Benz(a)anthracene	ND	230	61	60	1.7	61	67	9.4	30 - 130	30	
Benzidine	ND	330	34	60	55.3	46	57	21.4	30 - 130	30	r
Benzo(a)pyrene	ND	130	63	63	0.0	61	66	7.9	30 - 130	30	
Benzo(b)fluoranthene	ND	160	58	57	1.7	56	62	10.2	30 - 130	30	
Benzo(ghi)perylene	ND	230	68	69	1.5	59	63	6.6	30 - 130	30	
Benzo(k)fluoranthene	ND	230	58	57	1.7	56	62	10.2	30 - 130	30	
Benzoic Acid	ND	670	80	56	35.3	43	26	49.3	30 - 130	30	m,r
Benzyl butyl phthalate	ND	230	67	64	4.6	69	76	9.7	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	65	58	11.4	61	67	9.4	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	61	54	12.2	57	64	11.6	30 - 130	30	

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bis(2-ethylhexyl)phthalate	ND	230	62	65	4.7	68	75	9.8	30 - 130	30
Carbazole	ND	230	66	61	7.9	66	70	5.9	30 - 130	30
Chrysene	ND	230	58	58	0.0	59	64	8.1	30 - 130	30
Dibenz(a,h)anthracene	ND	130	66	67	1.5	61	66	7.9	30 - 130	30
Dibenzofuran	ND	230	65	62	4.7	64	70	9.0	30 - 130	30
Diethyl phthalate	ND	230	72	63	13.3	69	74	7.0	30 - 130	30
Dimethylphthalate	ND	230	71	62	13.5	67	72	7.2	30 - 130	30
Di-n-butylphthalate	ND	670	64	62	3.2	66	72	8.7	30 - 130	30
Di-n-octylphthalate	ND	230	69	74	7.0	78	87	10.9	30 - 130	30
Fluoranthene	ND	230	64	62	3.2	65	70	7.4	30 - 130	30
Fluorene	ND	230	64	62	3.2	64	70	9.0	30 - 130	30
Hexachlorobenzene	ND	130	57	58	1.7	60	65	8.0	30 - 130	30
Hexachlorobutadiene	ND	230	50	55	9.5	54	61	12.2	30 - 130	30
Hexachlorocyclopentadiene	ND	230	<10	46	NC	<10	16	NC	30 - 130	30
Hexachloroethane	ND	130	49	52	5.9	51	59	14.5	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	63	64	1.6	56	60	6.9	30 - 130	30
Isophorone	ND	130	61	54	12.2	56	62	10.2	30 - 130	30
Naphthalene	ND	230	58	56	3.5	57	66	14.6	30 - 130	30
Nitrobenzene	ND	130	68	58	15.9	63	70	10.5	30 - 130	30
N-Nitrosodimethylamine	ND	230	70	56	22.2	60	66	9.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	67	56	17.9	62	68	9.2	30 - 130	30
N-Nitrosodiphenylamine	ND	130	65	60	8.0	65	71	8.8	30 - 130	30
Pentachloronitrobenzene	ND	230	58	58	0.0	60	65	8.0	30 - 130	30
Pentachlorophenol	ND	230	69	61	12.3	67	73	8.6	30 - 130	30
Phenanthrene	ND	130	63	60	4.9	64	68	6.1	30 - 130	30
Phenol	ND	230	91	65	33.3	73	79	7.9	30 - 130	30
Pyrene	ND	230	63	60	4.9	63	68	7.6	30 - 130	30
Pyridine	ND	230	52	45	14.4	48	53	9.9	30 - 130	30
% 2,4,6-Tribromophenol	73	%	63	57	10.0	60	66	9.5	30 - 130	30
% 2-Fluorobiphenyl	68	%	59	57	3.4	58	65	11.4	30 - 130	30
% 2-Fluorophenol	71	%	71	58	20.2	63	69	9.1	30 - 130	30
% Nitrobenzene-d5	63	%	65	56	14.9	60	67	11.0	30 - 130	30
% Phenol-d5	72	%	78	59	27.7	66	71	7.3	30 - 130	30
% Terphenyl-d14	72	%	58	57	1.7	58	66	12.9	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 747647 (ug/kg), QC Sample No: CR51258 (CR50339)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	57	49	15.1	50	48	4.1	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	59	53	10.7	51	47	8.2	30 - 130	30
1,2-Dichlorobenzene	ND	180	59	51	14.5	51	44	14.7	30 - 130	30
1,2-Diphenylhydrazine	ND	230	78	66	16.7	62	75	19.0	30 - 130	30
1,3-Dichlorobenzene	ND	230	57	49	15.1	49	38	25.3	30 - 130	30
1,4-Dichlorobenzene	ND	230	58	50	14.8	49	40	20.2	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	230	57	48	17.1	49	45	8.5	30 - 130	30
2,4,5-Trichlorophenol	ND	230	75	63	17.4	59	75	23.9	30 - 130	30
2,4,6-Trichlorophenol	ND	130	77	66	15.4	63	75	17.4	30 - 130	30
2,4-Dichlorophenol	ND	130	67	58	14.4	60	63	4.9	30 - 130	30
2,4-Dimethylphenol	ND	230	71	61	15.2	66	69	4.4	30 - 130	30
2,4-Dinitrophenol	ND	230	93	68	31.1	66	16	122.0	30 - 130	30
2,4-Dinitrotoluene	ND	130	86	73	16.4	68	84	21.1	30 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,6-Dinitrotoluene	ND	130	88	74	17.3	69	87	23.1	30 - 130	30	
2-Chloronaphthalene	ND	230	72	63	13.3	59	65	9.7	30 - 130	30	
2-Chlorophenol	ND	230	73	60	19.5	64	61	4.8	30 - 130	30	
2-Methylnaphthalene	ND	230	63	56	11.8	57	56	1.8	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	66	54	20.0	59	59	0.0	30 - 130	30	
2-Nitroaniline	ND	330	115	94	20.1	86	107	21.8	30 - 130	30	
2-Nitrophenol	ND	230	74	65	12.9	63	66	4.7	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	75	62	19.0	67	66	1.5	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	89	74	18.4	69	92	28.6	30 - 130	30	
3-Nitroaniline	ND	330	99	80	21.2	74	95	24.9	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	97	78	21.7	70	37	61.7	30 - 130	30	r
4-Bromophenyl phenyl ether	ND	230	73	62	16.3	57	72	23.3	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	78	66	16.7	68	77	12.4	30 - 130	30	
4-Chloroaniline	ND	230	74	64	14.5	64	70	9.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	74	63	16.1	60	71	16.8	30 - 130	30	
4-Nitroaniline	ND	230	90	76	16.9	72	89	21.1	30 - 130	30	
4-Nitrophenol	ND	230	104	85	20.1	82	98	17.8	30 - 130	30	
Acenaphthene	ND	230	75	64	15.8	61	66	7.9	30 - 130	30	
Acenaphthylene	ND	130	66	58	12.9	55	64	15.1	30 - 130	30	
Acetophenone	ND	230	66	56	16.4	59	57	3.4	30 - 130	30	
Aniline	ND	330	68	55	21.1	31	56	57.5	30 - 130	30	r
Anthracene	ND	230	80	68	16.2	63	78	21.3	30 - 130	30	
Benz(a)anthracene	ND	230	80	67	17.7	59	78	27.7	30 - 130	30	
Benzidine	ND	330	98	77	24.0	48	80	50.0	30 - 130	30	r
Benzo(a)pyrene	ND	130	72	71	1.4	60	77	24.8	30 - 130	30	
Benzo(b)fluoranthene	ND	160	65	65	0.0	56	71	23.6	30 - 130	30	
Benzo(ghi)perylene	ND	230	80	80	0.0	64	78	19.7	30 - 130	30	
Benzo(k)fluoranthene	ND	230	65	65	0.0	54	70	25.8	30 - 130	30	
Benzoic Acid	ND	670	82	65	23.1	38	<10	NC	30 - 130	30	m
Benzyl butyl phthalate	ND	230	87	72	18.9	66	87	27.5	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	67	58	14.4	58	59	1.7	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	61	51	17.9	57	50	13.1	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	85	71	17.9	63	80	23.8	30 - 130	30	
Carbazole	ND	230	79	68	15.0	62	78	22.9	30 - 130	30	
Chrysene	ND	230	76	65	15.6	56	74	27.7	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	77	76	1.3	63	79	22.5	30 - 130	30	
Dibenzofuran	ND	230	76	65	15.6	63	74	16.1	30 - 130	30	
Diethyl phthalate	ND	230	85	72	16.6	67	83	21.3	30 - 130	30	
Dimethylphthalate	ND	230	81	67	18.9	63	76	18.7	30 - 130	30	
Di-n-butylphthalate	ND	670	88	72	20.0	63	85	29.7	30 - 130	30	
Di-n-octylphthalate	ND	230	98	81	19.0	75	94	22.5	30 - 130	30	
Fluoranthene	ND	230	81	69	16.0	64	79	21.0	30 - 130	30	
Fluorene	ND	230	77	66	15.4	63	75	17.4	30 - 130	30	
Hexachlorobenzene	ND	130	75	64	15.8	56	66	16.4	30 - 130	30	
Hexachlorobutadiene	ND	230	59	54	8.8	52	45	14.4	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	42	39	7.4	20	24	18.2	30 - 130	30	m
Hexachloroethane	ND	130	60	52	14.3	51	40	24.2	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	73	73	0.0	59	74	22.6	30 - 130	30	
Isophorone	ND	130	64	55	15.1	56	57	1.8	30 - 130	30	
Naphthalene	ND	230	66	57	14.6	54	54	0.0	30 - 130	30	
Nitrobenzene	ND	130	73	60	19.5	64	61	4.8	30 - 130	30	
N-Nitrosodimethylamine	ND	230	70	58	18.8	61	52	15.9	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	70	58	18.8	61	60	1.7	30 - 130	30	

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
N-Nitrosodiphenylamine	ND	130	79	66	17.9	61	76	21.9	30 - 130	30
Pentachloronitrobenzene	ND	230	75	63	17.4	57	69	19.0	30 - 130	30
Pentachlorophenol	ND	230	72	59	19.8	51	55	7.5	30 - 130	30
Phenanthrene	ND	130	77	66	15.4	61	76	21.9	30 - 130	30
Phenol	ND	230	78	64	19.7	71	67	5.8	30 - 130	30
Pyrene	ND	230	79	67	16.4	62	76	20.3	30 - 130	30
Pyridine	ND	230	56	48	15.4	48	43	11.0	30 - 130	30
% 2,4,6-Tribromophenol	74	%	80	66	19.2	62	78	22.9	30 - 130	30
% 2-Fluorobiphenyl	58	%	69	59	15.6	57	62	8.4	30 - 130	30
% 2-Fluorophenol	57	%	71	58	20.2	61	57	6.8	30 - 130	30
% Nitrobenzene-d5	51	%	71	58	20.2	62	57	8.4	30 - 130	30
% Phenol-d5	60	%	74	59	22.6	65	61	6.3	30 - 130	30
% Terphenyl-d14	78	%	74	62	17.6	58	70	18.8	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 747572 (ug/kg), QC Sample No: CR53735 (CR50329, CR50330, CR50331, CR50332, CR50333, CR50334, CR50335, CR50336, CR50337)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	44	48	8.7	40	42	4.9	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	48	52	8.0	46	47	2.2	30 - 130	30
1,2-Dichlorobenzene	ND	180	49	52	5.9	46	47	2.2	30 - 130	30
1,2-Diphenylhydrazine	ND	230	62	69	10.7	59	61	3.3	30 - 130	30
1,3-Dichlorobenzene	ND	230	45	48	6.5	44	44	0.0	30 - 130	30
1,4-Dichlorobenzene	ND	230	46	51	10.3	45	47	4.3	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	230	45	48	6.5	43	45	4.5	30 - 130	30
2,4,5-Trichlorophenol	ND	230	55	58	5.3	50	52	3.9	30 - 130	30
2,4,6-Trichlorophenol	ND	130	56	59	5.2	51	50	2.0	30 - 130	30
2,4-Dichlorophenol	ND	130	52	58	10.9	47	50	6.2	30 - 130	30
2,4-Dimethylphenol	ND	230	58	64	9.8	60	61	1.7	30 - 130	30
2,4-Dinitrophenol	ND	230	51	50	2.0	47	44	6.6	30 - 130	30
2,4-Dinitrotoluene	ND	130	59	61	3.3	54	50	7.7	30 - 130	30
2,6-Dinitrotoluene	ND	130	62	66	6.3	57	57	0.0	30 - 130	30
2-Chloronaphthalene	ND	230	56	59	5.2	54	55	1.8	30 - 130	30
2-Chlorophenol	ND	230	54	57	5.4	49	51	4.0	30 - 130	30
2-Methylnaphthalene	ND	230	49	55	11.5	48	49	2.1	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	53	56	5.5	49	52	5.9	30 - 130	30
2-Nitroaniline	ND	330	90	97	7.5	85	86	1.2	30 - 130	30
2-Nitrophenol	ND	230	57	66	14.6	54	60	10.5	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	50	55	9.5	46	49	6.3	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	57	65	13.1	54	51	5.7	30 - 130	30
3-Nitroaniline	ND	330	67	68	1.5	60	59	1.7	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	58	62	6.7	50	52	3.9	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	55	61	10.3	51	54	5.7	30 - 130	30
4-Chloro-3-methylphenol	ND	230	60	64	6.5	57	56	1.8	30 - 130	30
4-Chloroaniline	ND	230	55	62	12.0	54	57	5.4	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	55	58	5.3	51	53	3.8	30 - 130	30
4-Nitroaniline	ND	230	64	72	11.8	60	62	3.3	30 - 130	30
4-Nitrophenol	ND	230	66	70	5.9	58	62	6.7	30 - 130	30
Acenaphthene	ND	230	55	60	8.7	53	54	1.9	30 - 130	30
Acenaphthylene	ND	130	49	53	7.8	47	48	2.1	30 - 130	30
Acetophenone	ND	230	48	53	9.9	45	47	4.3	30 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Aniline	ND	330	50	54	7.7	45	48	6.5	30 - 130	30
Anthracene	ND	230	57	62	8.4	51	56	9.3	30 - 130	30
Benz(a)anthracene	ND	230	59	68	14.2	54	58	7.1	30 - 130	30
Benztidine	ND	330	72	76	5.4	68	71	4.3	30 - 130	30
Benzo(a)pyrene	ND	130	61	72	16.5	57	62	8.4	30 - 130	30
Benzo(b)fluoranthene	ND	160	57	66	14.6	50	52	3.9	30 - 130	30
Benzo(ghi)perylene	ND	230	62	74	17.6	65	69	6.0	30 - 130	30
Benzo(k)fluoranthene	ND	230	57	66	14.6	52	56	7.4	30 - 130	30
Benzoic Acid	ND	670	57	55	3.6	48	46	4.3	30 - 130	30
Benzyl butyl phthalate	ND	230	55	64	15.1	59	64	8.1	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	50	56	11.3	46	51	10.3	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	49	55	11.5	48	50	4.1	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	56	65	14.9	59	65	9.7	30 - 130	30
Carbazole	ND	230	56	62	10.2	50	54	7.7	30 - 130	30
Chrysene	ND	230	53	63	17.2	52	54	3.8	30 - 130	30
Dibenz(a,h)anthracene	ND	130	59	71	18.5	62	64	3.2	30 - 130	30
Dibenzofuran	ND	230	55	59	7.0	51	52	1.9	30 - 130	30
Diethyl phthalate	ND	230	65	69	6.0	61	61	0.0	30 - 130	30
Dimethylphthalate	ND	230	60	67	11.0	56	58	3.5	30 - 130	30
Di-n-butylphthalate	ND	670	63	69	9.1	57	60	5.1	30 - 130	30
Di-n-octylphthalate	ND	230	59	70	17.1	55	62	12.0	30 - 130	30
Fluoranthene	ND	230	60	67	11.0	51	53	3.8	30 - 130	30
Fluorene	ND	230	58	62	6.7	53	55	3.7	30 - 130	30
Hexachlorobenzene	ND	130	63	73	14.7	58	65	11.4	30 - 130	30
Hexachlorobutadiene	ND	230	49	53	7.8	47	51	8.2	30 - 130	30
Hexachlorocyclopentadiene	ND	230	32	35	9.0	28	34	19.4	30 - 130	30 m
Hexachloroethane	ND	130	50	57	13.1	51	53	3.8	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	58	69	17.3	59	63	6.6	30 - 130	30
Isophorone	ND	130	48	55	13.6	47	48	2.1	30 - 130	30
Naphthalene	ND	230	50	55	9.5	48	51	6.1	30 - 130	30
Nitrobenzene	ND	130	56	65	14.9	55	56	1.8	30 - 130	30
N-Nitrosodimethylamine	ND	230	43	46	6.7	42	44	4.7	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	52	58	10.9	49	50	2.0	30 - 130	30
N-Nitrosodiphenylamine	ND	130	57	62	8.4	54	54	0.0	30 - 130	30
Pentachloronitrobenzene	ND	230	57	63	10.0	53	59	10.7	30 - 130	30
Pentachlorophenol	ND	230	48	50	4.1	41	39	5.0	30 - 130	30
Phenanthrene	ND	130	56	62	10.2	51	56	9.3	30 - 130	30
Phenol	ND	230	56	62	10.2	53	55	3.7	30 - 130	30
Pyrene	ND	230	57	61	6.8	48	50	4.1	30 - 130	30
Pyridine	ND	230	34	38	11.1	34	34	0.0	30 - 130	30
% 2,4,6-Tribromophenol	71	%	60	78	26.1	66	73	10.1	30 - 130	30
% 2-Fluorobiphenyl	51	%	52	57	9.2	49	51	4.0	30 - 130	30
% 2-Fluorophenol	55	%	50	57	13.1	47	48	2.1	30 - 130	30
% Nitrobenzene-d5	60	%	55	63	13.6	53	56	5.5	30 - 130	30
% Phenol-d5	54	%	53	60	12.4	51	52	1.9	30 - 130	30
% Terphenyl-d14	37	%	46	52	12.2	40	41	2.5	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 747584 (ug/kg), QC Sample No: CR45185 (CR50339)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	67	41	45	9.3	48	47	2.1	30 - 130	30
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QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 2-Fluorobiphenyl	66	%	69	68	1.5	58	54	7.1	30 - 130	30
% Nitrobenzene-d5	85	%	91	90	1.1	78	72	8.0	30 - 130	30
% Terphenyl-d14	77	%	77	72	6.7	67	65	3.0	30 - 130	30

QA/QC Batch 746940 (ug/kg), QC Sample No: CR49395 (CR50337, CR50338, CR50339, CR50340, CR50341)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	91	96	5.3	94	95	1.1	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	95	97	2.1	98	98	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	94	93	1.1	114	113	0.9	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	100	103	3.0	101	100	1.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	101	104	2.9	103	104	1.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	100	104	3.9	104	104	0.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	99	103	4.0	102	104	1.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	98	103	5.0	89	87	2.3	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	98	101	3.0	102	101	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	95	105	10.0	93	89	4.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	97	101	4.0	103	103	0.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	105	112	6.5	101	100	1.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	98	103	5.0	100	98	2.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	96	101	5.1	99	98	1.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	86	89	3.4	88	88	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	102	107	4.8	105	106	0.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	100	105	4.9	106	107	0.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	95	101	6.1	101	100	1.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	99	101	2.0	102	99	3.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	94	99	5.2	100	99	1.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	99	102	3.0	93	93	0.0	70 - 130	30
2-Chlorotoluene	ND	5.0	103	108	4.7	110	109	0.9	70 - 130	30
2-Hexanone	ND	25	99	105	5.9	94	92	2.2	70 - 130	30
2-Isopropyltoluene	ND	5.0	103	107	3.8	107	108	0.9	70 - 130	30
4-Chlorotoluene	ND	5.0	97	101	4.0	105	104	1.0	70 - 130	30
4-Methyl-2-pentanone	ND	25	110	115	4.4	106	104	1.9	70 - 130	30
Acetone	ND	10	86	91	5.6	80	76	5.1	70 - 130	30
Acrylonitrile	ND	5.0	110	114	3.6	109	103	5.7	70 - 130	30
Benzene	ND	1.0	97	101	4.0	101	101	0.0	70 - 130	30
Bromobenzene	ND	5.0	98	102	4.0	105	105	0.0	70 - 130	30
Bromochloromethane	ND	5.0	101	103	2.0	100	99	1.0	70 - 130	30
Bromodichloromethane	ND	5.0	93	95	2.1	94	96	2.1	70 - 130	30
Bromoform	ND	5.0	96	98	2.1	92	93	1.1	70 - 130	30
Bromomethane	ND	5.0	95	99	4.1	100	97	3.0	70 - 130	30
Carbon Disulfide	ND	5.0	104	110	5.6	105	107	1.9	70 - 130	30
Carbon tetrachloride	ND	5.0	94	97	3.1	95	98	3.1	70 - 130	30
Chlorobenzene	ND	5.0	96	100	4.1	101	99	2.0	70 - 130	30
Chloroethane	ND	5.0	103	108	4.7	105	107	1.9	70 - 130	30
Chloroform	ND	5.0	95	98	3.1	99	99	0.0	70 - 130	30
Chloromethane	ND	5.0	126	128	1.6	123	124	0.8	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	103	110	6.6	106	106	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	102	105	2.9	102	102	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	96	99	3.1	97	96	1.0	70 - 130	30
Dibromomethane	ND	5.0	99	102	3.0	99	99	0.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	102	107	4.8	102	100	2.0	70 - 130	30
Ethylbenzene	ND	1.0	95	99	4.1	100	98	2.0	70 - 130	30
Hexachlorobutadiene	ND	5.0	97	101	4.0	92	91	1.1	70 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Isopropylbenzene	ND	1.0	107	112	4.6	115	115	0.0	70 - 130	30
m&p-Xylene	ND	2.0	94	98	4.2	99	98	1.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	102	103	1.0	85	89	4.6	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	93	95	2.1	94	93	1.1	70 - 130	30
Methylene chloride	ND	5.0	93	94	1.1	94	94	0.0	70 - 130	30
Naphthalene	ND	5.0	108	113	4.5	100	96	4.1	70 - 130	30
n-Butylbenzene	ND	1.0	101	108	6.7	107	106	0.9	70 - 130	30
n-Propylbenzene	ND	1.0	101	107	5.8	108	110	1.8	70 - 130	30
o-Xylene	ND	2.0	98	102	4.0	102	102	0.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	102	107	4.8	107	108	0.9	70 - 130	30
sec-Butylbenzene	ND	1.0	102	107	4.8	107	108	0.9	70 - 130	30
Styrene	ND	5.0	100	104	3.9	99	98	1.0	70 - 130	30
tert-Butylbenzene	ND	1.0	103	107	3.8	107	109	1.9	70 - 130	30
Tetrachloroethene	ND	5.0	98	105	6.9	103	103	0.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	112	115	2.6	109	106	2.8	70 - 130	30
Toluene	ND	1.0	97	101	4.0	100	102	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	98	102	4.0	103	102	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	100	104	3.9	99	99	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	113	115	1.8	109	107	1.9	70 - 130	30
Trichloroethene	ND	5.0	107	112	4.6	97	99	2.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	89	92	3.3	91	92	1.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	98	101	3.0	101	101	0.0	70 - 130	30
Vinyl chloride	ND	5.0	111	114	2.7	111	109	1.8	70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	100	0.0	102	99	3.0	70 - 130	30
% Bromofluorobenzene	97	%	98	99	1.0	97	96	1.0	70 - 130	30
% Dibromofluoromethane	105	%	106	104	1.9	103	102	1.0	70 - 130	30
% Toluene-d8	100	%	104	104	0.0	103	103	0.0	70 - 130	30

QA/QC Batch 747168H (ug/kg), QC Sample No: CR50154 50X (CR50338 (50X))

Volatiles - Soil (High Level)

1,1,2,2-Tetrachloroethane	ND	250	105	111	5.6	96	106	9.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	104	111	6.5	97	101	4.0	70 - 130	30
1,2,3-Trichloropropane	ND	250	93	97	4.2	84	92	9.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	109	117	7.1	103	107	3.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	98	104	5.9	95	97	2.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	98	107	8.8	91	101	10.4	70 - 130	30
1,2-Dichlorobenzene	ND	250	101	106	4.8	94	100	6.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	99	105	5.9	97	99	2.0	70 - 130	30
1,3-Dichlorobenzene	ND	250	99	105	5.9	96	100	4.1	70 - 130	30
1,4-Dichlorobenzene	ND	250	99	106	6.8	95	99	4.1	70 - 130	30
2-Chlorotoluene	ND	250	102	108	5.7	100	102	2.0	70 - 130	30
2-Isopropyltoluene	ND	250	103	108	4.7	97	102	5.0	70 - 130	30
4-Chlorotoluene	ND	250	99	106	6.8	97	100	3.0	70 - 130	30
Bromobenzene	ND	250	97	102	5.0	95	96	1.0	70 - 130	30
Hexachlorobutadiene	ND	250	104	107	2.8	93	100	7.3	70 - 130	30
Isopropylbenzene	ND	250	106	110	3.7	106	105	0.9	70 - 130	30
Naphthalene	ND	250	106	112	5.5	99	105	5.9	70 - 130	30
n-Butylbenzene	ND	250	106	115	8.1	103	106	2.9	70 - 130	30
n-Propylbenzene	ND	250	101	107	5.8	102	101	1.0	70 - 130	30
p-Isopropyltoluene	ND	250	104	111	6.5	101	104	2.9	70 - 130	30
sec-Butylbenzene	ND	250	101	107	5.8	100	101	1.0	70 - 130	30
tert-Butylbenzene	ND	250	101	107	5.8	98	101	3.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	106	112	5.5	95	104	9.0	70 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	103	%	102	103	1.0	102	101	1.0	70 - 130	30
% Bromofluorobenzene	97	%	99	100	1.0	97	99	2.0	70 - 130	30
% Dibromofluoromethane	98	%	99	98	1.0	100	98	2.0	70 - 130	30
% Toluene-d8	101	%	104	104	0.0	102	102	0.0	70 - 130	30

QA/QC Batch 746973 (ug/kg), QC Sample No: CR50334 (CR50331, CR50332, CR50333, CR50334, CR50335, CR50336, CR50343)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	92	99	7.3	96	96	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	92	100	8.3	99	95	4.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	83	92	10.3	89	91	2.2	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	92	100	8.3	94	92	2.2	70 - 130	30	
1,1-Dichloroethane	ND	5.0	87	93	6.7	89	87	2.3	70 - 130	30	
1,1-Dichloroethene	ND	5.0	89	97	8.6	91	91	0.0	70 - 130	30	
1,1-Dichloropropene	ND	5.0	92	98	6.3	95	92	3.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	93	97	4.2	82	75	8.9	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	84	98	15.4	83	85	2.4	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	88	90	2.2	80	71	11.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	90	95	5.4	95	92	3.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	88	104	16.7	87	87	0.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	90	98	8.5	91	88	3.4	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	91	97	6.4	90	88	2.2	70 - 130	30	
1,2-Dichloroethane	ND	5.0	91	100	9.4	97	94	3.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	92	97	5.3	94	91	3.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	91	98	7.4	98	96	2.1	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	88	92	4.4	88	84	4.7	70 - 130	30	
1,3-Dichloropropane	ND	5.0	90	97	7.5	89	88	1.1	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	88	94	6.6	89	85	4.6	70 - 130	30	
2,2-Dichloropropane	ND	5.0	91	97	6.4	90	88	2.2	70 - 130	30	
2-Chlorotoluene	ND	5.0	92	98	6.3	94	93	1.1	70 - 130	30	
2-Hexanone	ND	25	79	91	14.1	75	76	1.3	70 - 130	30	
2-Isopropyltoluene	ND	5.0	95	102	7.1	102	100	2.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	88	94	6.6	90	87	3.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25	87	98	11.9	85	86	1.2	70 - 130	30	
Acetone	ND	10	79	81	2.5	63	107	51.8	70 - 130	30	m,r
Acrylonitrile	ND	5.0	81	89	9.4	74	74	0.0	70 - 130	30	
Benzene	ND	1.0	88	95	7.7	91	90	1.1	70 - 130	30	
Bromobenzene	ND	5.0	92	100	8.3	96	92	4.3	70 - 130	30	
Bromochloromethane	ND	5.0	86	96	11.0	90	89	1.1	70 - 130	30	
Bromodichloromethane	ND	5.0	95	103	8.1	99	98	1.0	70 - 130	30	
Bromoform	ND	5.0	89	101	12.6	89	89	0.0	70 - 130	30	
Bromomethane	ND	5.0	94	101	7.2	97	94	3.1	70 - 130	30	
Carbon Disulfide	ND	5.0	90	97	7.5	89	87	2.3	70 - 130	30	
Carbon tetrachloride	ND	5.0	95	102	7.1	98	96	2.1	70 - 130	30	
Chlorobenzene	ND	5.0	91	97	6.4	94	92	2.2	70 - 130	30	
Chloroethane	ND	5.0	92	99	7.3	91	91	0.0	70 - 130	30	
Chloroform	ND	5.0	87	94	7.7	90	89	1.1	70 - 130	30	
Chloromethane	ND	5.0	101	107	5.8	95	94	1.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	89	95	6.5	89	88	1.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	93	102	9.2	94	92	2.2	70 - 130	30	
Dibromochloromethane	ND	3.0	91	103	12.4	96	95	1.0	70 - 130	30	
Dibromomethane	ND	5.0	92	100	8.3	93	90	3.3	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	116	126	8.3	114	111	2.7	70 - 130	30	
Ethylbenzene	ND	1.0	90	95	5.4	94	90	4.3	70 - 130	30	

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachlorobutadiene	ND	5.0	99	102	3.0	105	100	4.9	70 - 130	30
Isopropylbenzene	ND	1.0	93	99	6.3	99	97	2.0	70 - 130	30
m&p-Xylene	ND	2.0	87	93	6.7	91	89	2.2	70 - 130	30
Methyl ethyl ketone	ND	5.0	71	82	14.4	70	69	1.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	86	94	8.9	88	88	0.0	70 - 130	30
Methylene chloride	ND	5.0	82	87	5.9	83	82	1.2	70 - 130	30
Naphthalene	ND	5.0	93	103	10.2	87	84	3.5	70 - 130	30
n-Butylbenzene	ND	1.0	93	99	6.3	96	89	7.6	70 - 130	30
n-Propylbenzene	ND	1.0	93	99	6.3	97	93	4.2	70 - 130	30
o-Xylene	ND	2.0	90	97	7.5	95	94	1.1	70 - 130	30
p-Isopropyltoluene	ND	1.0	93	100	7.3	100	97	3.0	70 - 130	30
sec-Butylbenzene	ND	1.0	92	98	6.3	97	95	2.1	70 - 130	30
Styrene	ND	5.0	89	96	7.6	92	89	3.3	70 - 130	30
tert-Butylbenzene	ND	1.0	93	100	7.3	102	100	2.0	70 - 130	30
Tetrachloroethene	ND	5.0	96	102	6.1	102	99	3.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	79	88	10.8	73	75	2.7	70 - 130	30
Toluene	ND	1.0	91	98	7.4	93	92	1.1	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	87	95	8.8	89	87	2.3	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	95	104	9.0	93	90	3.3	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	88	99	11.8	78	79	1.3	70 - 130	30
Trichloroethene	ND	5.0	99	107	7.8	96	95	1.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	94	102	8.2	99	97	2.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	94	101	7.2	102	100	2.0	70 - 130	30
Vinyl chloride	ND	5.0	94	101	7.2	91	89	2.2	70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	102	103	1.0	101	103	2.0	70 - 130	30
% Bromofluorobenzene	99	%	100	99	1.0	97	97	0.0	70 - 130	30
% Dibromofluoromethane	97	%	97	100	3.0	97	96	1.0	70 - 130	30
% Toluene-d8	93	%	101	100	1.0	100	100	0.0	70 - 130	30

QA/QC Batch 746973H (ug/kg), QC Sample No: CR50334 50X (CR50344 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	104	105	1.0	104	110	5.6	70 - 130	30
1,1,1-Trichloroethane	ND	250	107	110	2.8	109	116	6.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	250	101	102	1.0	103	106	2.9	70 - 130	30
1,1,2-Trichloroethane	ND	250	104	104	0.0	104	111	6.5	70 - 130	30
1,1-Dichloroethane	ND	250	99	103	4.0	99	103	4.0	70 - 130	30
1,1-Dichloroethene	ND	250	102	106	3.8	102	109	6.6	70 - 130	30
1,1-Dichloropropene	ND	250	108	112	3.6	108	114	5.4	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	112	116	3.5	112	118	5.2	70 - 130	30
1,2,3-Trichloropropane	ND	250	96	95	1.0	104	108	3.8	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	108	112	3.6	107	115	7.2	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	109	111	1.8	108	113	4.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	99	100	1.0	107	106	0.9	70 - 130	30
1,2-Dibromoethane	ND	250	104	104	0.0	104	110	5.6	70 - 130	30
1,2-Dichlorobenzene	ND	250	107	112	4.6	109	114	4.5	70 - 130	30
1,2-Dichloroethane	ND	250	105	109	3.7	110	114	3.6	70 - 130	30
1,2-Dichloropropane	ND	250	102	107	4.8	102	109	6.6	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	112	115	2.6	110	116	5.3	70 - 130	30
1,3-Dichlorobenzene	ND	250	107	109	1.9	106	112	5.5	70 - 130	30
1,3-Dichloropropane	ND	250	104	106	1.9	102	108	5.7	70 - 130	30
1,4-Dichlorobenzene	ND	250	109	112	2.7	108	114	5.4	70 - 130	30
2,2-Dichloropropane	ND	250	102	103	1.0	98	109	10.6	70 - 130	30
2-Chlorotoluene	ND	250	110	114	3.6	109	114	4.5	70 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2-Hexanone	ND	1300	91	90	1.1	89	95	6.5	70 - 130	30
2-Isopropyltoluene	ND	250	116	118	1.7	114	121	6.0	70 - 130	30
4-Chlorotoluene	ND	250	106	112	5.5	107	112	4.6	70 - 130	30
4-Methyl-2-pentanone	ND	1300	96	100	4.1	99	105	5.9	70 - 130	30
Acetone	ND	500	72	77	6.7	77	80	3.8	70 - 130	30
Acrylonitrile	ND	250	96	91	5.3	89	96	7.6	70 - 130	30
Benzene	ND	250	102	105	2.9	100	106	5.8	70 - 130	30
Bromobenzene	ND	250	110	114	3.6	110	116	5.3	70 - 130	30
Bromochloromethane	ND	250	102	104	1.9	102	108	5.7	70 - 130	30
Bromodichloromethane	ND	250	106	109	2.8	108	112	3.6	70 - 130	30
Bromoform	ND	250	98	97	1.0	98	102	4.0	70 - 130	30
Bromomethane	ND	250	97	103	6.0	99	106	6.8	70 - 130	30
Carbon Disulfide	ND	250	97	100	3.0	92	100	8.3	70 - 130	30
Carbon tetrachloride	ND	250	103	107	3.8	105	111	5.6	70 - 130	30
Chlorobenzene	ND	250	110	110	0.0	107	112	4.6	70 - 130	30
Chloroethane	ND	250	72	77	6.7	84	85	1.2	70 - 130	30
Chloroform	ND	250	100	101	1.0	102	108	5.7	70 - 130	30
Chloromethane	ND	250	115	121	5.1	103	116	11.9	70 - 130	30
cis-1,2-Dichloroethene	ND	250	102	105	2.9	101	111	9.4	70 - 130	30
cis-1,3-Dichloropropene	ND	250	106	108	1.9	103	109	5.7	70 - 130	30
Dibromochloromethane	ND	150	105	104	1.0	103	107	3.8	70 - 130	30
Dibromomethane	ND	250	104	105	1.0	107	111	3.7	70 - 130	30
Dichlorodifluoromethane	ND	250	139	141	1.4	133	144	7.9	70 - 130	30 I,m
Ethylbenzene	ND	250	105	109	3.7	104	111	6.5	70 - 130	30
Hexachlorobutadiene	ND	250	128	131	2.3	127	135	6.1	70 - 130	30 I,m
Isopropylbenzene	ND	250	112	115	2.6	110	114	3.6	70 - 130	30
m&p-Xylene	ND	250	105	107	1.9	102	110	7.5	70 - 130	30
Methyl ethyl ketone	ND	250	86	88	2.3	85	89	4.6	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	250	99	100	1.0	98	103	5.0	70 - 130	30
Methylene chloride	ND	250	91	95	4.3	93	97	4.2	70 - 130	30
Naphthalene	ND	250	112	115	2.6	112	118	5.2	70 - 130	30
n-Butylbenzene	ND	250	119	123	3.3	117	124	5.8	70 - 130	30
n-Propylbenzene	ND	250	113	117	3.5	112	118	5.2	70 - 130	30
o-Xylene	ND	250	108	110	1.8	105	112	6.5	70 - 130	30
p-Isopropyltoluene	ND	250	116	120	3.4	116	122	5.0	70 - 130	30
sec-Butylbenzene	ND	250	114	117	2.6	111	118	6.1	70 - 130	30
Styrene	ND	250	106	109	2.8	103	110	6.6	70 - 130	30
tert-Butylbenzene	ND	250	113	116	2.6	112	118	5.2	70 - 130	30
Tetrachloroethene	ND	250	116	120	3.4	118	123	4.1	70 - 130	30
Tetrahydrofuran (THF)	ND	250	90	92	2.2	89	94	5.5	70 - 130	30
Toluene	ND	250	106	109	2.8	105	112	6.5	70 - 130	30
trans-1,2-Dichloroethene	ND	250	104	107	2.8	102	110	7.5	70 - 130	30
trans-1,3-Dichloropropene	ND	250	104	106	1.9	104	110	5.6	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	101	100	1.0	93	99	6.3	70 - 130	30
Trichloroethene	ND	250	109	112	2.7	109	117	7.1	70 - 130	30
Trichlorofluoromethane	ND	250	80	83	3.7	88	87	1.1	70 - 130	30
Trichlorotrifluoroethane	ND	250	110	115	4.4	114	121	6.0	70 - 130	30
Vinyl chloride	ND	250	108	112	3.6	101	110	8.5	70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	102	101	1.0	102	103	1.0	70 - 130	30
% Bromofluorobenzene	98	%	99	99	0.0	97	99	2.0	70 - 130	30
% Dibromofluoromethane	92	%	95	99	4.1	99	100	1.0	70 - 130	30
% Toluene-d8	93	%	100	102	2.0	100	101	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 747169 (ug/L), QC Sample No: CR50342 (CR50342)										
Volatiles - Water										
1,1,1,2-Tetrachloroethane	ND	1.0	90	98	8.5				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	97	103	6.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	104	116	10.9				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	103	116	11.9				70 - 130	30
1,1-Dichloroethane	ND	1.0	98	105	6.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	103	109	5.7				70 - 130	30
1,1-Dichloropropene	ND	1.0	104	109	4.7				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	109	122	11.3				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	105	117	10.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	108	117	8.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	103	111	7.5				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	100	112	11.3				70 - 130	30
1,2-Dibromoethane	ND	1.0	100	108	7.7				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	103	113	9.3				70 - 130	30
1,2-Dichloroethane	ND	1.0	99	108	8.7				70 - 130	30
1,2-Dichloropropane	ND	1.0	105	115	9.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	104	111	6.5				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	102	109	6.6				70 - 130	30
1,3-Dichloropropane	ND	1.0	103	114	10.1				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	101	109	7.6				70 - 130	30
2,2-Dichloropropane	ND	1.0	95	102	7.1				70 - 130	30
2-Chlorotoluene	ND	1.0	102	109	6.6				70 - 130	30
2-Hexanone	ND	5.0	111	123	10.3				70 - 130	30
2-Isopropyltoluene	ND	1.0	106	113	6.4				70 - 130	30
4-Chlorotoluene	ND	1.0	102	109	6.6				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	109	122	11.3				70 - 130	30
Acetone	ND	5.0	113	125	10.1				70 - 130	30
Acrylonitrile	ND	5.0	97	112	14.4				70 - 130	30
Benzene	ND	0.70	102	109	6.6				70 - 130	30
Bromobenzene	ND	1.0	102	110	7.5				70 - 130	30
Bromochloromethane	ND	1.0	92	102	10.3				70 - 130	30
Bromodichloromethane	ND	0.50	103	114	10.1				70 - 130	30
Bromoform	ND	1.0	71	80	11.9				70 - 130	30
Bromomethane	ND	1.0	130	138	6.0				70 - 130	30
Carbon Disulfide	ND	1.0	100	106	5.8				70 - 130	30
Carbon tetrachloride	ND	1.0	90	95	5.4				70 - 130	30
Chlorobenzene	ND	1.0	101	109	7.6				70 - 130	30
Chloroethane	ND	1.0	104	109	4.7				70 - 130	30
Chloroform	ND	1.0	89	105	16.5				70 - 130	30
Chloromethane	ND	1.0	113	119	5.2				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	96	105	9.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	106	119	11.6				70 - 130	30
Dibromochloromethane	ND	0.50	87	97	10.9				70 - 130	30
Dibromomethane	ND	1.0	109	119	8.8				70 - 130	30
Dichlorodifluoromethane	ND	1.0	125	129	3.1				70 - 130	30
Ethylbenzene	ND	1.0	101	105	3.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	110	121	9.5				70 - 130	30
Isopropylbenzene	ND	1.0	106	112	5.5				70 - 130	30
m&p-Xylene	ND	1.0	100	104	3.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	102	118	14.5				70 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	1.0	100	111	10.4				70 - 130	30
Methylene chloride	ND	1.0	93	102	9.2				70 - 130	30
Naphthalene	ND	1.0	111	125	11.9				70 - 130	30
n-Butylbenzene	ND	1.0	110	120	8.7				70 - 130	30
n-Propylbenzene	ND	1.0	105	111	5.6				70 - 130	30
o-Xylene	ND	1.0	99	107	7.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	105	113	7.3				70 - 130	30
sec-Butylbenzene	ND	1.0	107	114	6.3				70 - 130	30
Styrene	ND	1.0	100	107	6.8				70 - 130	30
tert-Butylbenzene	ND	1.0	105	112	6.5				70 - 130	30
Tetrachloroethene	ND	1.0	106	110	3.7				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	110	122	10.3				70 - 130	30
Toluene	ND	1.0	105	113	7.3				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	101	107	5.8				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	100	112	11.3				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	85	96	12.2				70 - 130	30
Trichloroethene	ND	1.0	100	107	6.8				70 - 130	30
Trichlorofluoromethane	ND	1.0	105	109	3.7				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	105	109	3.7				70 - 130	30
Vinyl chloride	ND	1.0	105	109	3.7				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	101	104	2.9				70 - 130	30
% Bromofluorobenzene	101	%	100	100	0.0				70 - 130	30
% Dibromofluoromethane	97	%	95	96	1.0				70 - 130	30
% Toluene-d8	100	%	108	108	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 747157 (ug/kg), QC Sample No: CR51098 (CR50330)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	109	101	7.6				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	113	102	10.2				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	93	87	6.7				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	108	99	8.7				70 - 130	30
1,1-Dichloroethane	ND	5.0	99	90	9.5				70 - 130	30
1,1-Dichloroethene	ND	5.0	109	97	11.7				70 - 130	30
1,1-Dichloropropene	ND	5.0	108	98	9.7				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	108	99	8.7				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	100	97	3.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	105	95	10.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	105	96	9.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	106	100	5.8				70 - 130	30
1,2-Dibromoethane	ND	5.0	102	98	4.0				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	109	98	10.6				70 - 130	30
1,2-Dichloroethane	ND	5.0	111	103	7.5				70 - 130	30
1,2-Dichloropropane	ND	5.0	101	93	8.2				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	108	98	9.7				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	105	95	10.0				70 - 130	30
1,3-Dichloropropane	ND	5.0	99	96	3.1				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	107	96	10.8				70 - 130	30
2,2-Dichloropropane	ND	5.0	108	97	10.7				70 - 130	30
2-Chlorotoluene	ND	5.0	108	97	10.7				70 - 130	30
2-Hexanone	ND	25	90	86	4.5				70 - 130	30
2-Isopropyltoluene	ND	5.0	112	101	10.3				70 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4-Chlorotoluene	ND	5.0	105	94	11.1				70 - 130	30
4-Methyl-2-pentanone	ND	25	101	96	5.1				70 - 130	30
Acetone	ND	10	85	79	7.3				70 - 130	30
Acrylonitrile	ND	5.0	82	82	0.0				70 - 130	30
Benzene	ND	1.0	100	92	8.3				70 - 130	30
Bromobenzene	ND	5.0	111	99	11.4				70 - 130	30
Bromochloromethane	ND	5.0	102	93	9.2				70 - 130	30
Bromodichloromethane	ND	5.0	114	104	9.2				70 - 130	30
Bromoform	ND	5.0	108	102	5.7				70 - 130	30
Bromomethane	ND	5.0	114	100	13.1				70 - 130	30
Carbon Disulfide	ND	5.0	104	93	11.2				70 - 130	30
Carbon tetrachloride	ND	5.0	115	103	11.0				70 - 130	30
Chlorobenzene	ND	5.0	106	98	7.8				70 - 130	30
Chloroethane	ND	5.0	105	94	11.1				70 - 130	30
Chloroform	ND	5.0	103	93	10.2				70 - 130	30
Chloromethane	ND	5.0	112	100	11.3				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	102	91	11.4				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	108	100	7.7				70 - 130	30
Dibromochloromethane	ND	3.0	108	103	4.7				70 - 130	30
Dibromomethane	ND	5.0	111	99	11.4				70 - 130	30
Dichlorodifluoromethane	ND	5.0	139	116	18.0				70 - 130	30
Ethylbenzene	ND	1.0	103	96	7.0				70 - 130	30
Hexachlorobutadiene	ND	5.0	122	106	14.0				70 - 130	30
Isopropylbenzene	ND	1.0	107	98	8.8				70 - 130	30
m&p-Xylene	ND	2.0	100	93	7.3				70 - 130	30
Methyl ethyl ketone	ND	5.0	82	76	7.6				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	92	9.3				70 - 130	30
Methylene chloride	ND	5.0	94	85	10.1				70 - 130	30
Naphthalene	ND	5.0	111	104	6.5				70 - 130	30
n-Butylbenzene	ND	1.0	111	98	12.4				70 - 130	30
n-Propylbenzene	ND	1.0	108	98	9.7				70 - 130	30
o-Xylene	ND	2.0	104	97	7.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	111	99	11.4				70 - 130	30
sec-Butylbenzene	ND	1.0	108	97	10.7				70 - 130	30
Styrene	ND	5.0	103	96	7.0				70 - 130	30
tert-Butylbenzene	ND	1.0	111	100	10.4				70 - 130	30
Tetrachloroethene	ND	5.0	118	105	11.7				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	86	82	4.8				70 - 130	30
Toluene	ND	1.0	106	96	9.9				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	102	93	9.2				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	112	104	7.4				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	103	96	7.0				70 - 130	30
Trichloroethene	ND	5.0	117	106	9.9				70 - 130	30
Trichlorofluoromethane	ND	5.0	117	104	11.8				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	116	104	10.9				70 - 130	30
Vinyl chloride	ND	5.0	107	95	11.9				70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	103	103	0.0				70 - 130	30
% Bromofluorobenzene	101	%	99	100	1.0				70 - 130	30
% Dibromofluoromethane	95	%	102	97	5.0				70 - 130	30
% Toluene-d8	94	%	101	99	2.0				70 - 130	30

Comment:

The Low Level MS/MSD are not reported for this batch.

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 747157H (ug/kg), QC Sample No: CR51098 50X (CR50329 (50X))										
Volatiles - Soil (High Level)										
1,1,1,2-Tetrachloroethane	ND	250	108	108	0.0	94	101	7.2	70 - 130	30
1,1,1-Trichloroethane	ND	250	110	109	0.9	94	101	7.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	250	99	104	4.9	95	103	8.1	70 - 130	30
1,1,2-Trichloroethane	ND	250	103	109	5.7	97	108	10.7	70 - 130	30
1,1-Dichloroethane	ND	250	97	97	0.0	88	94	6.6	70 - 130	30
1,1-Dichloroethene	ND	250	103	103	0.0	91	98	7.4	70 - 130	30
1,1-Dichloropropene	ND	250	112	116	3.5	97	109	11.7	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	116	118	1.7	100	108	7.7	70 - 130	30
1,2,3-Trichloropropane	ND	250	98	101	3.0	88	102	14.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	115	115	0.0	97	105	7.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	113	113	0.0	99	109	9.6	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	94	101	7.2	91	94	3.2	70 - 130	30
1,2-Dibromoethane	ND	250	102	106	3.8	98	105	6.9	70 - 130	30
1,2-Dichlorobenzene	ND	250	112	113	0.9	99	110	10.5	70 - 130	30
1,2-Dichloroethane	ND	250	110	113	2.7	94	105	11.1	70 - 130	30
1,2-Dichloropropane	ND	250	103	104	1.0	93	103	10.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	115	115	0.0	102	112	9.3	70 - 130	30
1,3-Dichlorobenzene	ND	250	112	112	0.0	98	107	8.8	70 - 130	30
1,3-Dichloropropane	ND	250	103	106	2.9	94	103	9.1	70 - 130	30
1,4-Dichlorobenzene	ND	250	114	115	0.9	99	111	11.4	70 - 130	30
2,2-Dichloropropane	ND	250	104	101	2.9	83	92	10.3	70 - 130	30
2-Chlorotoluene	ND	250	112	113	0.9	100	112	11.3	70 - 130	30
2-Hexanone	ND	1300	88	95	7.7	87	95	8.8	70 - 130	30
2-Isopropyltoluene	ND	250	119	120	0.8	105	117	10.8	70 - 130	30
4-Chlorotoluene	ND	250	112	113	0.9	98	110	11.5	70 - 130	30
4-Methyl-2-pentanone	ND	1300	100	106	5.8	96	104	8.0	70 - 130	30
Acetone	ND	500	76	82	7.6	74	69	7.0	70 - 130	30 m
Acrylonitrile	ND	250	89	86	3.4	87	91	4.5	70 - 130	30
Benzene	ND	250	103	105	1.9	92	104	12.2	70 - 130	30
Bromobenzene	ND	250	113	114	0.9	101	112	10.3	70 - 130	30
Bromochloromethane	ND	250	100	100	0.0	93	99	6.3	70 - 130	30
Bromodichloromethane	ND	250	110	112	1.8	91	101	10.4	70 - 130	30
Bromoform	ND	250	101	102	1.0	83	92	10.3	70 - 130	30
Bromomethane	ND	250	94	96	2.1	84	90	6.9	70 - 130	30
Carbon Disulfide	ND	250	94	93	1.1	79	89	11.9	70 - 130	30
Carbon tetrachloride	ND	250	109	106	2.8	88	96	8.7	70 - 130	30
Chlorobenzene	ND	250	112	113	0.9	100	109	8.6	70 - 130	30
Chloroethane	ND	250	72	69	4.3	60	65	8.0	70 - 130	30 l,m
Chloroform	ND	250	100	101	1.0	90	90	0.0	70 - 130	30
Chloromethane	ND	250	108	108	0.0	100	109	8.6	70 - 130	30
cis-1,2-Dichloroethene	ND	250	98	102	4.0	94	100	6.2	70 - 130	30
cis-1,3-Dichloropropene	ND	250	106	108	1.9	91	102	11.4	70 - 130	30
Dibromochloromethane	ND	150	106	108	1.9	92	99	7.3	70 - 130	30
Dibromomethane	ND	250	105	107	1.9	96	105	9.0	70 - 130	30
Dichlorodifluoromethane	ND	250	129	131	1.5	122	135	10.1	70 - 130	30 l,m
Ethylbenzene	ND	250	110	110	0.0	97	107	9.8	70 - 130	30
Hexachlorobutadiene	ND	250	134	136	1.5	114	125	9.2	70 - 130	30 l
Isopropylbenzene	ND	250	116	114	1.7	102	116	12.8	70 - 130	30
m&p-Xylene	ND	250	108	107	0.9	97	105	7.9	70 - 130	30
Methyl ethyl ketone	ND	250	80	82	2.5	83	78	6.2	70 - 130	30

QA/QC Data

SDG I.D.: GCR50329

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	250	95	97	2.1	89	99	10.6	70 - 130	30
Methylene chloride	ND	250	90	91	1.1	84	89	5.8	70 - 130	30
Naphthalene	ND	250	112	117	4.4	106	116	9.0	70 - 130	30
n-Butylbenzene	ND	250	124	125	0.8	106	118	10.7	70 - 130	30
n-Propylbenzene	ND	250	118	117	0.9	104	116	10.9	70 - 130	30
o-Xylene	ND	250	109	109	0.0	98	108	9.7	70 - 130	30
p-Isopropyltoluene	ND	250	122	121	0.8	107	117	8.9	70 - 130	30
sec-Butylbenzene	ND	250	116	116	0.0	104	114	9.2	70 - 130	30
Styrene	ND	250	108	110	1.8	98	107	8.8	70 - 130	30
tert-Butylbenzene	ND	250	117	118	0.9	103	115	11.0	70 - 130	30
Tetrachloroethene	ND	250	124	125	0.8	107	119	10.6	70 - 130	30
Tetrahydrofuran (THF)	ND	250	84	92	9.1	86	92	6.7	70 - 130	30
Toluene	ND	250	109	110	0.9	98	110	11.5	70 - 130	30
trans-1,2-Dichloroethene	ND	250	100	100	0.0	93	100	7.3	70 - 130	30
trans-1,3-Dichloropropene	ND	250	108	109	0.9	92	101	9.3	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	100	102	2.0	85	93	9.0	70 - 130	30
Trichloroethene	ND	250	115	115	0.0	100	113	12.2	70 - 130	30
Trichlorofluoromethane	ND	250	83	76	8.8	64	70	9.0	70 - 130	30 m
Trichlorotrifluoroethane	ND	250	114	114	0.0	100	106	5.8	70 - 130	30
Vinyl chloride	ND	250	103	104	1.0	94	103	9.1	70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	102	103	1.0	103	102	1.0	70 - 130	30
% Bromofluorobenzene	101	%	99	99	0.0	98	96	2.1	70 - 130	30
% Dibromofluoromethane	96	%	94	95	1.1	94	94	0.0	70 - 130	30
% Toluene-d8	94	%	100	101	1.0	101	101	0.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

s = This parameter is outside laboratory Blank Surrogate specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


 Phyllis Shiller, Laboratory Director
 May 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR50329 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

May 07, 2025

SDG I.D.: GCR50329

The samples in this delivery group were received at 2.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

[illegible]



NY/NJPA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Customer: Labella
Address: 5 McCrea Hill Rd
Bauviston Spg, NY 12020

Project: Newton
Report to:
Invoice to:
QUOTE #: QN*LA050724RM

Project P.O.:

Contact Options:

Phone: 518-365-3333

Fax:

Email:

Coolant: ☒ IPK ☐ ICE ☐ No ☐ No

Temp: 18°C Pg of

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification		Analysis Request	
Sampler's Signature	Date	Analysis Request	Analysis Request
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sludge SL=Sludge S=Soil SD=Solid W=Wipe B=Bulk L=Liquid		Analysis Request	
PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Time Sampled
S0338	DUP-4	S	8/6/24
S0339	S014/KW-14 7-8'	S	8/6/24 1350
S0340	S014/KW-14 9'-10'	S	8/6/24 1355
S0341	S014/KW-14 14'-15'	S	8/6/24 1400
S0342	Equipment Blank 5	GW	8/26/24 0800
S0343	Trip Blanks 11	S	8/26/24
S0344	Trip Blank HL	S	8/26/24
Relinquished by: <u>Gregory P. Little</u> Date: <u>8/27/24</u>		Time: <u>15:00</u>	
Accepted by: <u>Gregory P. Little</u> Date: <u>8/27/24</u>		Time: <u>17:21</u>	
Comments: Special Requirements or Regulations:		Data Format: ☒ Phoenix Std Report ☒ EQUIS ☐ NJ Hazsite EDD ☐ Excel ☐ PDF ☐ GIS/Key	
*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.		Data Package: ☐ NJ Reduced Deliv. * ☐ Other ☐ NY Enhanced (ASP B) *	
Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days* ☒ Standard		*SURCHARGE APPLIES	
Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil ☐ Cleanup Criteria ☐ Impact to GW soil screen Criteria ☐ GW Criteria		NJ ☐ Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil ☐ Cleanup Criteria ☐ Impact to GW soil screen Criteria ☐ GW Criteria	
PA ☐ Clean Fill Limits ☐ PA-GW ☐ Reg Fill Limits ☐ PA Soil Restricted ☐ PA Soil non-restricted		NY ☐ TOGS GW ☐ CP-51 SOIL ☐ 375SCO ☐ Unrestricted Soil ☐ 375SCO ☐ Residential Soil ☐ 375SCO ☐ Residential ☐ Restricted Soil ☐ 375SCO ☐ Commercial Soil ☐ 375SCO ☐ Industrial Soil ☐ Subpart 5 DW	
State Samples Collected? ☒ NY			

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

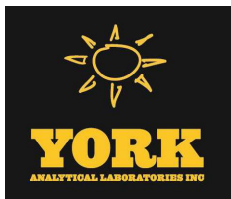
From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.

P.O. Box 370, 587 East Middle Turnpike

Manchester CT, 06040

Attention: Helen Geoghegan

Report Date: 09/05/2024

Client Project ID: GCR50329

York Project (SDG) No.: 24H2004

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/05/2024
Client Project ID: GCR50329
York Project (SDG) No.: 24H2004

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 29, 2024 and listed below. The project was identified as your project: **GCR50329**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24H2004-01	CR50339	Soil	08/26/2024	08/29/2024

General Notes for York Project (SDG) No.: 24H2004

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 
Cassie L. Mosher
Laboratory Manager

Date: 09/05/2024





Sample Information

Client Sample ID: CR50339

York Sample ID: 24H2004-01

York Project (SDG) No.
24H2004

Client Project ID
GCR50329

Matrix
Soil

Collection Date/Time
August 26, 2024 1:50 pm

Date Received
08/29/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0624	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.225	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.233	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.192	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.147	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.121	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.174	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.228	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.128	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CC V-L	ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.701	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.889	0.904	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.128	0.942	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.164	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM

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Sample Information

Client Sample ID: CR50339

York Sample ID: 24H2004-01

York Project (SDG) No.
24H2004

Client Project ID
GCR50329

Matrix
Soil

Collection Date/Time
August 26, 2024 1:50 pm

Date Received
08/29/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.227	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0730	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.471	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097, NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.701	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097, NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.716	0.942	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097, NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.366	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097, NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.290	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097, NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.205	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097, NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.199	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097, NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:08	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPpPA)	ND		ug/kg dry	0.747	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.47	5.89	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.89	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.719	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.212	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.821	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.233	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:08	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	95.2 %	25-150								
13C5PFHXA	Surrogate: M5PFHxA	90.8 %	25-150								
13C4PFHPA	Surrogate: M4PFHpA	86.8 %	25-150								
13C3PFHXS	Surrogate: M3PFHxS	93.6 %	25-150								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	95.6 %	25-150								
13C6PFDA	Surrogate: M6PFDA	95.8 %	25-150								

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Sample Information

Client Sample ID: CR50339

York Sample ID: 24H2004-01

York Project (SDG) No.
24H2004

Client Project ID
GCR50329

Matrix
Soil

Collection Date/Time
August 26, 2024 1:50 pm

Date Received
08/29/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	Surrogate: M7PFUDa	81.8 %			25-150						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	54.9 %			25-150						
13C2PFTEDA	Surrogate: M2PFTeDA	56.3 %			10-150						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	1.51 %	PFSu-L		25-150						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	95.2 %			25-150						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	53.7 %			25-150						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	108 %			10-150						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	106 %			25-150						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	136 %			25-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	157 %			25-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	129 %			25-200						
13C9PFNA	Surrogate: M9PFNA	93.3 %			25-150						
M2-4:2FTS	Surrogate: M2-4:2 FTS	223 %	PFSu-H		25-150						
936109-37-4	Surrogate: d-N-MeFOSA	82.8 %			25-150						
d-N-EtFOSA	Surrogate: d-N-EtFOSA	73.8 %			25-150						
M3HFPO-DA	Surrogate: M3HFPO-DA	104 %			25-150						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	30.1 %			25-150						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	28.8 %			25-150						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.4		%	0.100	1	SM 2540G	08/29/2024 12:00	09/03/2024 15:05	AC
							Certifications:	CTDOH-PH-0723		



Analytical Batch Summary

Batch ID: BH42092 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H2004-01	CR50339	08/29/24

Batch ID: BI40040 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H2004-01	CR50339	09/03/24
BI40040-BLK1	Blank	09/03/24
BI40040-BS1	LCS	09/03/24
BI40040-BS2	LCS	09/03/24



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI40040 - EPA 1633 Prep

Blank (BI40040-BLK1)

Prepared: 09/03/2024 Analyzed: 09/04/2024

Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	2.48		"	2.31		107	25-150				
Surrogate: M5PFHxA	2.48		"	2.48		100	25-150				
Surrogate: M4PFHpA	2.44		"	2.48		98.4	25-150				
Surrogate: M3PFHxS	2.34		"	2.35		99.7	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.70		"	2.48		109	25-150				

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PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BI40040 - EPA 1633 Prep

Blank (BI40040-BLK1)

Prepared: 09/03/2024 Analyzed: 09/04/2024

Surrogate: M6PFDA	1.26		ug/kg wet	1.24		102	25-150				
Surrogate: M7PFUdA	0.976		"	1.24		78.7	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.786		"	1.24		63.4	25-150				
Surrogate: M2PFTeDA	0.617		"	1.24		49.8	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	8.61		"	9.92		86.8	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.34		"	2.38		98.3	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.32		"	4.96		87.1	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.23		"	2.48		90.1	10-150				
Surrogate: d3-N-MeFOSAA	4.00		"	4.96		80.6	25-150				
Surrogate: d5-N-EtFOSAA	4.57		"	4.96		92.2	25-150				
Surrogate: M2-6:2 FTS	8.68		"	4.72		184	25-200				
Surrogate: M2-8:2 FTS	4.60		"	4.76		96.6	25-200				
Surrogate: M9PFNA	1.31		"	1.24		105	25-150				
Surrogate: M2-4:2 FTS	12.0		"	4.65		257	25-150				
Surrogate: d-N-MeFOSA	1.77		"	2.48		71.5	25-150				
Surrogate: d-N-EtFOSA	1.25		"	2.48		50.3	25-150				
Surrogate: M3HFPO-DA	11.4		"	9.92		115	25-150				
Surrogate: d9-N-EtFOSE	6.04		"	24.8		24.4	25-150				
Surrogate: d7-N-MeFOSE	5.94		"	24.8		23.9	25-150				

LCS (BI40040-BS1)

Prepared: 09/03/2024 Analyzed: 09/04/2024

Perfluorobutanesulfonic acid (PFBS)	3.70	0.174	ug/kg wet	3.48		106	50-150				
Perfluorohexanoic acid (PFHxA)	3.84	0.196	"	3.93		97.7	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.196	"	3.93		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.23	0.180	"	3.60		89.9	50-150				
Perfluorooctanoic acid (PFOA)	4.50	0.196	"	3.93		114	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.76	0.183	"	3.65		103	50-150				
Perfluorononanoic acid (PFNA)	4.03	0.196	"	3.93		103	50-150				
Perfluorodecanoic acid (PFDA)	3.11	0.196	"	3.93		79.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.72	0.196	"	3.93		94.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.98	0.196	"	3.93		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.83	0.196	"	3.93		97.4	50-150				
Perfluorotetradecanoic acid (PFTA)	3.69	0.196	"	3.93		94.0	50-150				
N-MeFOSAA	4.36	0.196	"	3.93		111	50-150				
N-EtFOSAA	4.18	0.196	"	3.93		106	50-150				
Perfluoropentanoic acid (PFPeA)	8.14	0.393	"	7.86		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.10	0.196	"	3.93		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.43	0.196	"	3.75		118	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.55	0.190	"	3.79		67.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.6	0.747	"	14.9		97.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.6	0.754	"	15.1		104	50-150				
Perfluoro-n-butyric acid (PFBA)	16.6	0.786	"	15.7		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	9.05	0.350	"	6.99		129	50-150				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	8.06	0.393	"	7.86		103	50-150				

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PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI40040 - EPA 1633 Prep

LCS (BI40040-BS1)

Prepared: 09/03/2024 Analyzed: 09/04/2024

Perfluoro-4-oxapentanoic acid (PFMPA)	7.20	0.393	ug/kg wet	7.86		91.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.96	0.393	"	7.86		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.185	"	3.69		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.6	0.737	"	14.7		92.1	50-150				
HFPO-DA (Gen-X)	7.92	0.786	"	7.86		101	50-150				
11CL-PF3OUdS	5.15	0.743	"	7.43		69.4	50-150				
9CL-PF3ONS	7.26	0.735	"	7.35		98.8	50-150				
ADONA	7.64	0.743	"	7.43		103	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.14	0.191	"	3.81		56.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.189	"	3.77		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.7	0.982	"	15.7		125	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.8	4.91	"	78.6		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	89.8	4.91	"	78.6		114	50-150				
N-MeFOSE	44.7	1.96	"	39.3		114	50-150				
N-MeFOSA	3.90	0.196	"	3.93		99.2	50-150				
N-EtFOSE	37.3	1.96	"	39.3		95.0	50-150				
N-EtFOSA	4.14	0.196	"	3.93		105	50-150				
Surrogate: M3PFBS	2.24		"	2.29		97.9	25-150				
Surrogate: M5PFHxA	2.36		"	2.46		96.3	25-150				
Surrogate: M4PFHpA	2.62		"	2.46		107	25-150				
Surrogate: M3PFHxS	2.37		"	2.33		102	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.42		"	2.46		98.6	25-150				
Surrogate: M6PFDA	1.37		"	1.23		111	25-150				
Surrogate: M7PFUdA	1.07		"	1.23		87.2	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDaA)	0.778		"	1.23		63.4	25-150				
Surrogate: M2PFTeDA	0.766		"	1.23		62.4	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	6.40		"	9.82		65.2	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.34		"	2.35		99.7	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.34		"	4.91		88.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.24		"	2.46		91.2	10-150				
Surrogate: d3-N-MeFOSAA	4.31		"	4.91		87.8	25-150				
Surrogate: d5-N-EtFOSAA	4.52		"	4.91		92.0	25-150				
Surrogate: M2-6:2 FTS	8.29		"	4.67		177	25-200				
Surrogate: M2-8:2 FTS	4.93		"	4.72		105	25-200				
Surrogate: M9PFNA	1.10		"	1.23		89.9	25-150				
Surrogate: M2-4:2 FTS	11.8		"	4.61		257	25-150				
Surrogate: d-N-MeFOSA	1.83		"	2.46		74.4	25-150				
Surrogate: d-N-EtFOSA	1.60		"	2.46		65.0	25-150				
Surrogate: M3HFPO-DA	10.9		"	9.82		111	25-150				
Surrogate: d9-N-EtFOSE	7.74		"	24.6		31.5	25-150				
Surrogate: d7-N-MeFOSE	6.46		"	24.6		26.3	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BI40040 - EPA 1633 Prep

LCS (BI40040-BS2)

Prepared: 09/03/2024 Analyzed: 09/04/2024

Perfluorobutanesulfonic acid (PFBS)	0.678	0.176	ug/kg wet	0.702		96.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.738	0.198	"	0.794		93.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.859	0.198	"	0.794		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.578	0.182	"	0.726		79.5	50-150				
Perfluorooctanoic acid (PFOA)	0.731	0.198	"	0.794		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.704	0.185	"	0.738		95.4	50-150				
Perfluorononanoic acid (PFNA)	0.687	0.198	"	0.794		86.6	50-150				
Perfluorodecanoic acid (PFDA)	0.674	0.198	"	0.794		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.769	0.198	"	0.794		96.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.790	0.198	"	0.794		99.5	50-150				
Perfluorotridecanoic acid (PFTriDA)	0.815	0.198	"	0.794		103	50-150				
Perfluorotetradecanoic acid (PFTA)	0.739	0.198	"	0.794		93.1	50-150				
N-MeFOSAA	0.952	0.198	"	0.794		120	50-150				
N-EtFOSAA	0.827	0.198	"	0.794		104	50-150				
Perfluoropentanoic acid (PFPeA)	1.52	0.397	"	1.59		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.754	0.198	"	0.794		95.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.834	0.198	"	0.758		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.557	0.191	"	0.766		72.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2.66	0.754	"	3.02		88.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.89	0.762	"	3.05		94.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.05	0.794	"	3.17		96.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	1.67	0.353	"	1.41		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.40	0.397	"	1.59		88.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.877	0.397	"	1.59		55.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.63	0.397	"	1.59		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.647	0.187	"	0.746		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	2.70	0.744	"	2.98		90.9	50-150				
HFPO-DA (Gen-X)	2.11	0.794	"	1.59		133	50-150				
11CL-PF3OUdS	1.06	0.750	"	1.50		70.8	50-150				
9CL-PF3ONS	1.54	0.742	"	1.48		104	50-150				
ADONA	1.46	0.750	"	1.50		97.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.440	0.192	"	0.770		57.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.748	0.190	"	0.762		98.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.59	0.992	"	3.17		113	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.3	4.96	"	15.9		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.0	4.96	"	15.9		113	50-150				
N-MeFOSE	8.44	1.98	"	7.94		106	50-150				
N-MeFOSA	0.839	0.198	"	0.794		106	50-150				
N-EtFOSE	7.85	1.98	"	7.94		98.9	50-150				
N-EtFOSA	0.815	0.198	"	0.794		103	50-150				
Surrogate: M3PFBS	2.41		"	2.31		104	25-150				
Surrogate: M5PFHxA	2.61		"	2.48		105	25-150				
Surrogate: M4PFHpA	2.60		"	2.48		105	25-150				
Surrogate: M3PFHxS	2.40		"	2.35		102	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.95		"	2.48		119	25-150				
Surrogate: M6PFDA	1.50		"	1.24		121	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI40040 - EPA 1633 Prep

LCS (BI40040-BS2)

Prepared: 09/03/2024 Analyzed: 09/04/2024

Surrogate: M7PFUdA	1.07		ug/kg wet	1.24		86.7	25-150			
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	0.898		"	1.24		72.4	25-150			
Surrogate: M2PFTeDA	0.794		"	1.24		64.0	10-150			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	1.80		"	9.92		18.1	25-150			
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	2.40		"	2.38		101	25-150			
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.79		"	4.96		96.6	25-150			
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	2.49		"	2.48		100	10-150			
Surrogate: d3-N-MeFOSAA	4.93		"	4.96		99.4	25-150			
Surrogate: d5-N-EtFOSAA	5.13		"	4.96		103	25-150			
Surrogate: M2-6:2 FTS	7.99		"	4.72		169	25-200			
Surrogate: M2-8:2 FTS	5.11		"	4.76		107	25-200			
Surrogate: M9PFNA	1.38		"	1.24		112	25-150			
Surrogate: M2-4:2 FTS	10.2		"	4.65		219	25-150			
Surrogate: d-N-MeFOSA	2.03		"	2.48		81.8	25-150			
Surrogate: d-N-EtFOSA	1.70		"	2.48		68.4	25-150			
Surrogate: M3HFPO-DA	11.4		"	9.92		115	25-150			
Surrogate: d9-N-EtFOSE	8.15		"	24.8		32.9	25-150			
Surrogate: d7-N-MeFOSE	7.73		"	24.8		31.2	25-150			





Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.





Wednesday, May 07, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON PLAZA
SDG ID: GCR45184
Sample ID#s: CR45184 - CR45188, CR45207

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON PLAZA
Laboratory Project: GCR45184



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR45184

Labella Associates DPC NEWTON PLAZA

Methodology Summary

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 3545A.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

Perfluorinated Alkyl Acids by LC-MS/MS

Determination of Selected Perfluorinated Alkyl Acids in Water by Solid Phase
Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) EPA 1633 Draft 3

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR45184

Labella Associates DPC NEWTON PLAZA

Laboratory Chronicle

The samples in this delivery group were received at 2.0°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR45184	Volatiles	08/20/24	08/22/24	08/22/24	MH	Y
CR45185	1,4-Dioxane	08/20/24	08/27/24	09/06/24	MR	Y
CR45185	Arsenic	08/20/24	08/20/24	08/21/24	PM	Y
CR45185	Barium	08/20/24	08/20/24	08/21/24	PM	Y
CR45185	Cadmium	08/20/24	08/20/24	08/21/24	PM	Y
CR45185	Chromium	08/20/24	08/20/24	08/21/24	PM	Y
CR45185	Field Extraction	08/20/24	08/20/24	08/20/24		Y
CR45185	Lead	08/20/24	08/20/24	08/21/24	PM	Y
CR45185	Mercury	08/20/24	08/21/24	08/21/24	ZT	Y
CR45185	MS/MSD Volatiles	08/20/24	08/21/24	08/21/24	JLI	Y
CR45185	Percent Solid	08/20/24	08/20/24	08/20/24	CV	Y
CR45185	Pesticides - Soil	08/20/24	08/21/24	08/22/24	AW	Y
CR45185	PFAS (40) by EPA 1633	08/20/24	08/29/24	08/29/24	ESJ	Y
CR45185	PFOA/PFOS - Soil Extraction	08/20/24	08/27/24	08/27/24	ESJ	Y
CR45185	Polychlorinated Biphenyls	08/20/24	08/21/24	08/21/24	SC	Y
CR45185	Selenium	08/20/24	08/20/24	08/21/24	PM	Y
CR45185	Semivolatiles	08/20/24	08/21/24	08/22/24	MR	Y
CR45185	Silver	08/20/24	08/20/24	08/21/24	PM	Y
CR45185	Volatiles	08/20/24	08/21/24	08/21/24	JLI	Y
CR45186	Arsenic	08/20/24	08/20/24	08/21/24	PM	Y
CR45186	Barium	08/20/24	08/20/24	08/21/24	PM	Y
CR45186	Cadmium	08/20/24	08/20/24	08/21/24	PM	Y
CR45186	Chromium	08/20/24	08/20/24	08/21/24	PM	Y
CR45186	Field Extraction	08/20/24	08/20/24	08/20/24		Y
CR45186	Lead	08/20/24	08/20/24	08/21/24	PM	Y
CR45186	Mercury	08/20/24	08/21/24	08/21/24	ZT	Y
CR45186	Percent Solid	08/20/24	08/20/24	08/20/24	CV	Y
CR45186	Pesticides - Soil	08/20/24	08/21/24	08/22/24	AW	Y
CR45186	Polychlorinated Biphenyls	08/20/24	08/21/24	08/21/24	SC	Y
CR45186	Selenium	08/20/24	08/20/24	08/21/24	PM	Y
CR45186	Semivolatiles	08/20/24	08/21/24	08/22/24	MR	Y
CR45186	Silver	08/20/24	08/20/24	08/21/24	PM	Y



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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR45184

Labella Associates DPC NEWTON PLAZA

CR45186	Volatiles	08/20/24	08/22/24	08/22/24	JLI	Y
CR45187	Arsenic	08/20/24	08/20/24	08/21/24	PM	Y
CR45187	Barium	08/20/24	08/20/24	08/21/24	PM	Y
CR45187	Cadmium	08/20/24	08/20/24	08/21/24	PM	Y
CR45187	Chromium	08/20/24	08/20/24	08/21/24	PM	Y
CR45187	Field Extraction	08/20/24	08/20/24	08/20/24		Y
CR45187	Lead	08/20/24	08/20/24	08/21/24	PM	Y
CR45187	Mercury	08/20/24	08/21/24	08/21/24	ZT	Y
CR45187	Percent Solid	08/20/24	08/20/24	08/20/24	CV	Y
CR45187	Pesticides - Soil	08/20/24	08/21/24	08/22/24	AW	Y
CR45187	Polychlorinated Biphenyls	08/20/24	08/21/24	08/22/24	SC	Y
CR45187	Selenium	08/20/24	08/20/24	08/21/24	PM	Y
CR45187	Semivolatiles	08/20/24	08/21/24	08/22/24	MR	Y
CR45187	Silver	08/20/24	08/20/24	08/21/24	PM	Y
CR45187	Volatiles	08/20/24	08/22/24	08/22/24	JLI	Y
CR45188	Field Extraction	08/20/24	08/20/24	08/20/24		Y
CR45188	Volatiles	08/20/24	08/21/24	08/21/24	JLI	Y
CR45207	Field Extraction	08/20/24	08/20/24	08/20/24		Y
CR45207	Volatiles	08/20/24	08/21/24	08/21/24	JLI	Y



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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

May 07, 2025

SDG I.D.: GCR45184

Sample CR45185 was analyzed past hold time for Extraction for SVOA SIM (SW3545A).

Ver.2:

This report has been revised to include added analysis per client request.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

May 07, 2025

SDG I.D.: GCR45184

Project ID: NEWTON PLAZA

Client Id	Lab Id	Matrix	Col Date
EQUIPMENT BLANK	CR45184	GROUND WATER	08/20/24 9:00
SB-1/MW-1 6-7`	CR45185	SOIL	08/20/24 9:20
SB-2/MW-2 6.5-8`	CR45186	SOIL	08/20/24 13:35
DUPE	CR45187	SOIL	08/20/24 0:00
TRIP BLANK LL	CR45188	SOIL	08/20/24 0:00
TRIP BLANK HL	CR45207	SOIL	08/20/24 0:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time

08/20/24 9:00
08/20/24 17:00

Laboratory Data

SDG ID: GCR45184
Phoenix ID: CR45184

Project ID: NEWTON PLAZA
Client ID: EQUIPMENT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	0.25	ug/L	1	08/22/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/22/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	08/22/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
2-Hexanone	ND	5.0	2.5	ug/L	1	08/22/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	2.5	ug/L	1	08/22/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	2.5	ug/L	1	08/22/24	MH	SW8260D
Acrylonitrile	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	08/22/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Bromodichloromethane	ND	0.50	0.25	ug/L	1	08/22/24	MH	SW8260D
Bromoform	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Bromomethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Carbon Disulfide	5.8	5.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Chlorobenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Chloroethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Chloroform	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Chloromethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/22/24	MH	SW8260D
Dibromochloromethane	ND	0.50	0.25	ug/L	1	08/22/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	0.25	ug/L	1	08/22/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	2.5	ug/L	1	08/22/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Methylene chloride	ND	1.0	1.0	ug/L	1	08/22/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	08/22/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	2.5	ug/L	1	08/22/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Total Xylenes	ND	1.0	1.0	ug/L	1	08/22/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/22/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	2.5	ug/L	1	08/22/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	08/22/24	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	08/22/24	MH	70 - 130 %
% Bromofluorobenzene	94			%	1	08/22/24	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	08/22/24	MH	70 - 130 %

1

Project ID: NEWTON PLAZA
Client ID: EQUIPMENT BLANK

Phoenix I.D.: CR45184

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	08/22/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

08/20/24
08/20/24

Time

9:20
17:00

Laboratory Data

SDG ID: GCR45184
Phoenix ID: CR45185

Project ID: NEWTON PLAZA
Client ID: SB-1/MW-1 6-7`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	08/21/24	PM	SW6010D
Arsenic	1.05	0.71	0.71	mg/Kg	1	08/21/24	PM	SW6010D
Barium	11.5	0.35	0.35	mg/Kg	1	08/21/24	PM	SW6010D
Cadmium	ND	0.35	0.35	mg/Kg	1	08/21/24	PM	SW6010D
Chromium	5.60	0.35	0.35	mg/Kg	1	08/21/24	PM	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/21/24	ZT	SW7471B
Lead	2.52	0.35	0.35	mg/Kg	1	08/21/24	PM	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	08/21/24	PM	SW6010D
Percent Solid	84			%		08/20/24	CV	SW846-%Solid
Extraction for SVOA SIM	Completed					08/27/24	C/A	SW3545A
Field Extraction	Completed					08/20/24		SW5035A
Mercury Digestion	Completed					08/21/24	AK/AK	SW7471B
Soil Extraction for PCB	Completed					08/21/24	AC1/AC1	SW3546
Soil Extraction for Pesticide	Completed					08/21/24	AC1/AC1	SW3546
Soil Extraction for SVOA	Completed					08/21/24	H/U	SW3546
Total Metals Digest	Completed					08/20/24	J/AG	SW3050B
PFAS (40) by EPA 1633	Completed					08/27/24	ESJ	EPA 1633 Draft 3

PFAS (40) by EPA 1633

11CI-PF3OUdS	ND	0.895	0.368	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.909	0.894	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.888	0.705	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.900	0.705	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
3:3FTCA	ND	1.18	0.751	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
5:3FTCA	ND	5.92	2.48	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
7:3FTCA	ND	5.92	1.78	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
9CI-PF3ONS	ND	0.886	0.291	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
ADONA	ND	0.895	0.206	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
HFPO-DA	ND	0.947	0.720	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
NEtFOSA	ND	0.237	0.234	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
NEtFOSAA	ND	0.237	0.230	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
NEtFOSE	ND	2.37	0.825	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
NFDHA	ND	0.474	0.229	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
NMeFOSA	ND	0.237	0.213	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
NMeFOSAA	ND	0.237	0.175	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
NMeFOSE	ND	2.37	0.724	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.229	0.226	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.237	0.184	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.237	0.173	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.210	0.131	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorodecanoic acid (PFDA)	ND	0.237	0.226	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.230	0.200	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorododecanoic acid (PFDoA)	ND	0.237	0.193	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoroheptanoic acid (PFHpA)	ND	0.237	0.124	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.217	0.212	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorohexanoic acid (PFHxA)	ND	0.237	0.0628	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.947	0.129	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.227	0.147	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorononanoic acid (PFNA)	ND	0.237	0.224	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.220	0.198	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorooctanoic acid (PFOA)	ND	0.237	0.204	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.223	0.186	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoropentanoic acid (PFPeA)	ND	0.474	0.129	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorotetradecanoic acid (PFTA)	ND	0.237	0.122	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.237	0.148	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
Perfluoroundecanoic acid (PFUnA)	ND	0.237	0.234	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
PFEESA	ND	0.422	0.165	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
PFMBA	ND	0.474	0.114	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
PFMPA	ND	0.474	0.0734	ng/g	1	08/29/24	ESJ	EPA 1633 Draft 3	C
<u>QA/QC Surrogates</u>									
% d3-N-MeFOSAA	123			%	1	08/29/24	ESJ	25 - 150 %	C
% d5-N-EtFOSAA	132			%	1	08/29/24	ESJ	25 - 150 %	C
% d7-N-MeFOSE	83.8			%	1	08/29/24	ESJ	25 - 150 %	C
% d9-N-EtFOSE	91.5			%	1	08/29/24	ESJ	25 - 150 %	C
% d-N-EtFOSA	75.4			%	1	08/29/24	ESJ	25 - 150 %	C
% d-N-MeFOSA	68.2			%	1	08/29/24	ESJ	25 - 150 %	C
% M2-4:2 FTS	140			%	1	08/29/24	ESJ	25 - 150 %	C
% M2-6:2 FTS	102			%	1	08/29/24	ESJ	25 - 200 %	C
% M2-8:2 FTS	126			%	1	08/29/24	ESJ	25 - 200 %	C
% M2PFTEDA	90.1			%	1	08/29/24	ESJ	10 - 150 %	C
% M3HFPO-DA	107			%	1	08/29/24	ESJ	25 - 150 %	C
% M3PFBS	183			%	1	08/29/24	ESJ	25 - 150 %	C,3
% M3PFHxS	157			%	1	08/29/24	ESJ	25 - 150 %	C,3
% M4PFHpA	185			%	1	08/29/24	ESJ	25 - 150 %	C,3
% M5PFHxA	126			%	1	08/29/24	ESJ	25 - 150 %	C
% M5PFPEA	125			%	1	08/29/24	ESJ	25 - 150 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M6PFDA	126			%	1	08/29/24	ESJ	25 - 150 %	C
% M7PFUDA	130			%	1	08/29/24	ESJ	25 - 150 %	C
% M8FOSA	111			%	1	08/29/24	ESJ	10 - 150 %	C
% M8PFOA	139			%	1	08/29/24	ESJ	25 - 150 %	C
% M8PFOS	125			%	1	08/29/24	ESJ	25 - 150 %	C
% M9PFNA	140			%	1	08/29/24	ESJ	25 - 150 %	C
% MPFBA	119			%	1	08/29/24	ESJ	25 - 150 %	C
% MPFDOA	109			%	1	08/29/24	ESJ	25 - 150 %	C

Polychlorinated Biphenyls

PCB-1016	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1221	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1232	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1242	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1248	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1254	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1260	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1262	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	
PCB-1268	ND	400	400	ug/Kg	10	08/21/24	SC	SW8082A	

QA/QC Surrogates

% DCBP	106			%	10	08/21/24	SC	30 - 150 %	
% DCBP (Confirmation)	120			%	10	08/21/24	SC	30 - 150 %	
% TCMX	99			%	10	08/21/24	SC	30 - 150 %	
% TCMX (Confirmation)	100			%	10	08/21/24	SC	30 - 150 %	

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	08/22/24	AW	SW8081B	
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	08/22/24	AW	SW8081B	
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	08/22/24	AW	SW8081B	
α-BHC	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
α-Chlordane	ND	4.0	4.0	ug/Kg	2	08/22/24	AW	SW8081B	
Aldrin	ND	4.0	4.0	ug/Kg	2	08/22/24	AW	SW8081B	
β-BHC	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Chlordane	ND	40	40	ug/Kg	2	08/22/24	AW	SW8081B	
δ-BHC	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Dieldrin	ND	4.0	4.0	ug/Kg	2	08/22/24	AW	SW8081B	
Endosulfan I	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Endosulfan II	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Endrin	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Endrin ketone	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
γ-BHC	ND	1.6	1.6	ug/Kg	2	08/22/24	AW	SW8081B	
γ-Chlordane	ND	4.0	4.0	ug/Kg	2	08/22/24	AW	SW8081B	
Heptachlor	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	08/22/24	AW	SW8081B	
Methoxychlor	ND	40	40	ug/Kg	2	08/22/24	AW	SW8081B	
Toxaphene	ND	160	160	ug/Kg	2	08/22/24	AW	SW8081B	

QA/QC Surrogates

% DCBP	94			%	2	08/22/24	AW	30 - 150 %	
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP (Confirmation)	79			%	2	08/22/24	AW	30 - 150 %
% TCMX	82			%	2	08/22/24	AW	30 - 150 %
% TCMX (Confirmation)	90			%	2	08/22/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
2-Chlorotoluene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
2-Hexanone	ND	29	5.8	ug/Kg	1	08/21/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
4-Chlorotoluene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	08/21/24	JLI	SW8260D
Acetone	ND	29	5.8	ug/Kg	1	08/21/24	JLI	SW8260D
Acrylonitrile	ND	12	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Benzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Bromobenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Bromoform	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Bromomethane	ND	5.8	2.3	ug/Kg	1	08/21/24	JLI	SW8260D
Carbon Disulfide	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Carbon tetrachloride	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Chlorobenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Chloroethane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Chloroform	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Chloromethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Dibromochloromethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Dibromomethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Ethylbenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Isopropylbenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
m&p-Xylene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	5.8	ug/Kg	1	08/21/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Methylene chloride	ND	12	5.8	ug/Kg	1	08/21/24	JLI	SW8260D
Naphthalene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
n-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
n-Propylbenzene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
o-Xylene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
sec-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Styrene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
tert-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Tetrachloroethene	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	08/21/24	JLI	SW8260D
Toluene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Total Xylenes	ND	5.8	5.8	ug/Kg	1	08/21/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	2.9	ug/Kg	1	08/21/24	JLI	SW8260D
Trichloroethene	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.8	1.2	ug/Kg	1	08/21/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
Vinyl chloride	ND	5.8	0.58	ug/Kg	1	08/21/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	08/21/24	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	08/21/24	JLI	70 - 130 %
% Dibromofluoromethane	115			%	1	08/21/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/21/24	JLI	70 - 130 %
MS/MSD Volatiles	Completed					08/21/24	JLI	
Volatile Library Search	Completed					05/06/25	JLI	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	94	ug/Kg	1	08/22/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/22/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrophenol	ND	390	200	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/22/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylnaphthalene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitroaniline	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitrophenol	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	150	ug/Kg	1	08/22/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	190	ug/Kg	1	08/22/24	MR	SW8270E
3-Nitroaniline	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	120	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloroaniline	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitroaniline	ND	630	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitrophenol	ND	270	78	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Aniline	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
Anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzidine	ND	270	160	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(a)pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzoic acid	ND	780	160	ug/Kg	1	08/22/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	110	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	390	110	ug/Kg	1	08/22/24	MR	SW8270E
Carbazole	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-butylphthalate	ND	390	160	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-octylphthalate	ND	270	100	ug/Kg	1	08/22/24	MR	SW8270E
Fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Hexachloroethane	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodimethylamine	ND	390	110	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	390	150	ug/Kg	1	08/22/24	MR	SW8270E
Pentachloronitrobenzene	ND	390	120	ug/Kg	1	08/22/24	MR	SW8270E
Pentachlorophenol	ND	390	150	ug/Kg	1	08/22/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Phenol	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Pyridine	ND	390	97	ug/Kg	1	08/22/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	52			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorophenol	52			%	1	08/22/24	MR	30 - 130 %
% Nitrobenzene-d5	46			%	1	08/22/24	MR	30 - 130 %
% Phenol-d5	50			%	1	08/22/24	MR	30 - 130 %
% Terphenyl-d14	57			%	1	08/22/24	MR	30 - 130 %
<u>1,4-Dioxane</u>								
1,4-dioxane	ND	78	78	ug/Kg	1	09/06/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	65			%	1	09/06/24	MR	30 - 130 %
% Nitrobenzene-d5	91			%	1	09/06/24	MR	30 - 130 %
% Terphenyl-d14	77			%	1	09/06/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633 (EPA 1633 Draft 3), PFOA/PFOS - Soil Extraction (EPA 1633 Draft 3) were analyzed by NY certified lab #12058.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time

08/20/24 13:35
08/20/24 17:00

Laboratory Data

SDG ID: GCR45184
Phoenix ID: CR45186

Project ID: NEWTON PLAZA
Client ID: SB-2/MW-2 6.5-8`

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.41	0.41	mg/Kg	1	08/21/24	PM	SW6010D
Arsenic	2.66	0.82	0.82	mg/Kg	1	08/21/24	PM	SW6010D
Barium	27.1	0.41	0.41	mg/Kg	1	08/21/24	PM	SW6010D
Cadmium	ND	0.41	0.41	mg/Kg	1	08/21/24	PM	SW6010D
Chromium	7.04	0.41	0.41	mg/Kg	1	08/21/24	PM	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/21/24	ZT	SW7471B
Lead	19.2	0.41	0.41	mg/Kg	1	08/21/24	PM	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	08/21/24	PM	SW6010D
Percent Solid	87			%		08/20/24	CV	SW846-%Solid
Field Extraction	Completed					08/20/24		SW5035A
Mercury Digestion	Completed					08/21/24	AK/AK	SW7471B
Soil Extraction for PCB	Completed					08/21/24	AC1/AC1	SW3546
Soil Extraction for Pesticide	Completed					08/21/24	AC1/AC1	SW3546
Soil Extraction for SVOA	Completed					08/21/24	H/U	SW3546
Total Metals Digest	Completed					08/20/24	J/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1221	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1232	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1242	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1248	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1254	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1260	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1262	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A
PCB-1268	ND	380	380	ug/Kg	10	08/21/24	SC	SW8082A

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	105			%	10	08/21/24	SC	30 - 150 %
% DCBP (Confirmation)	118			%	10	08/21/24	SC	30 - 150 %
% TCMX	102			%	10	08/21/24	SC	30 - 150 %
% TCMX (Confirmation)	105			%	10	08/21/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	35	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDE	27	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
a-Chlordane	16	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Chlordane	77	38	38	ug/Kg	2	08/22/24	AW	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/22/24	AW	SW8081B
g-Chlordane	16	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	08/22/24	AW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	08/22/24	AW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/22/24	AW	SW8081B

QA/QC Surrogates

% DCBP	94			%	2	08/22/24	AW	30 - 150 %
% DCBP (Confirmation)	77			%	2	08/22/24	AW	30 - 150 %
% TCMX	77			%	2	08/22/24	AW	30 - 150 %
% TCMX (Confirmation)	86			%	2	08/22/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	28	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	120	S 28	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	11	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.5	2.2	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	11	5.5	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.5	5.5	ug/Kg	1	08/22/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	1.1	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.5	0.55	ug/Kg	1	08/22/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	08/22/24	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	99			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed 05/06/25 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	89	ug/Kg	1	08/22/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	260	100	ug/Kg	1	08/22/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	260	96	ug/Kg	1	08/22/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrophenol	ND	370	190	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	08/22/24	MR	SW8270E
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
2-Chloronaphthalene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Chlorophenol	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylnaphthalene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260	150	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitroaniline	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitrophenol	ND	260	150	ug/Kg	1	08/22/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260	180	ug/Kg	1	08/22/24	MR	SW8270E
3-Nitroaniline	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	370	110	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloroaniline	ND	260	150	ug/Kg	1	08/22/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitroaniline	ND	590	120	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitrophenol	ND	260	74	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthylene	ND	260	100	ug/Kg	1	08/22/24	MR	SW8270E
Acetophenone	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Aniline	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Benz(a)anthracene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Benzidine	ND	260	150	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(a)pyrene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Benzoic acid	ND	740	150	ug/Kg	1	08/22/24	MR	SW8270E
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	370	100	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	370	110	ug/Kg	1	08/22/24	MR	SW8270E
Carbazole	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E
Chrysene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Dibenzofuran	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
Diethyl phthalate	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Dimethylphthalate	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-butylphthalate	ND	370	150	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-octylphthalate	ND	260	96	ug/Kg	1	08/22/24	MR	SW8270E
Fluoranthene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Fluorene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobenzene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobutadiene	ND	260	130	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
Hexachloroethane	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Isophorone	ND	260	100	ug/Kg	1	08/22/24	MR	SW8270E
Naphthalene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
Nitrobenzene	ND	260	130	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodimethylamine	ND	370	100	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	370	140	ug/Kg	1	08/22/24	MR	SW8270E
Pentachloronitrobenzene	ND	370	110	ug/Kg	1	08/22/24	MR	SW8270E
Pentachlorophenol	ND	370	140	ug/Kg	1	08/22/24	MR	SW8270E
Phenanthrene	ND	260	110	ug/Kg	1	08/22/24	MR	SW8270E
Phenol	ND	260	120	ug/Kg	1	08/22/24	MR	SW8270E
Pyrene	ND	260	130	ug/Kg	1	08/22/24	MR	SW8270E
Pyridine	ND	370	91	ug/Kg	1	08/22/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	44			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorobiphenyl	49			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorophenol	45			%	1	08/22/24	MR	30 - 130 %
% Nitrobenzene-d5	40			%	1	08/22/24	MR	30 - 130 %
% Phenol-d5	44			%	1	08/22/24	MR	30 - 130 %
% Terphenyl-d14	50			%	1	08/22/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time

08/20/24
08/20/24 17:00

Laboratory Data

SDG ID: GCR45184
Phoenix ID: CR45187

Project ID: NEWTON PLAZA
Client ID: DUPE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	08/21/24	PM	SW6010D
Arsenic	2.68	0.80	0.80	mg/Kg	1	08/21/24	PM	SW6010D
Barium	24.3	0.40	0.40	mg/Kg	1	08/21/24	PM	SW6010D
Cadmium	ND	0.40	0.40	mg/Kg	1	08/21/24	PM	SW6010D
Chromium	7.49	0.40	0.40	mg/Kg	1	08/21/24	PM	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	08/21/24	ZT	SW7471B
Lead	60.9	0.40	0.40	mg/Kg	1	08/21/24	PM	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	08/21/24	PM	SW6010D
Percent Solid	87			%		08/20/24	CV	SW846-%Solid

Field Extraction	Completed	08/20/24	SW5035A	1
Mercury Digestion	Completed	08/21/24	AK/AK SW7471B	
Soil Extraction for PCB	Completed	08/21/24	AC1/AC1 SW3546	
Soil Extraction for Pesticide	Completed	08/21/24	AC1/AC1 SW3546	
Soil Extraction for SVOA	Completed	08/21/24	H/U SW3546	
Total Metals Digest	Completed	08/20/24	J/AG SW3050B	

Polychlorinated Biphenyls

PCB-1016	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1221	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1232	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1242	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1248	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1254	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1260	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1262	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A
PCB-1268	ND	380	380	ug/Kg	10	08/22/24	SC	SW8082A

QA/QC Surrogates

Client ID: DUPE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% DCBP	87			%	10	08/22/24	SC	30 - 150 %
% DCBP (Confirmation)	85			%	10	08/22/24	SC	30 - 150 %
% TCMX	95			%	10	08/22/24	SC	30 - 150 %
% TCMX (Confirmation)	99			%	10	08/22/24	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	39	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDE	26	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
4,4' -DDT	3.7	2.3	2.3	ug/Kg	2	08/22/24	AW	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
a-Chlordane	27	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Chlordane	130	38	38	ug/Kg	2	08/22/24	AW	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/22/24	AW	SW8081B
g-Chlordane	22	3.8	3.8	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	08/22/24	AW	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	08/22/24	AW	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/22/24	AW	SW8081B

QA/QC Surrogates

% DCBP	99			%	2	08/22/24	AW	30 - 150 %
% DCBP (Confirmation)	83			%	2	08/22/24	AW	30 - 150 %
% TCMX	80			%	2	08/22/24	AW	30 - 150 %
% TCMX (Confirmation)	91			%	2	08/22/24	AW	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
2-Hexanone	ND	29	5.9	ug/Kg	1	08/22/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	5.9	ug/Kg	1	08/22/24	JLI	SW8260D
Acetone	81	S 29	5.9	ug/Kg	1	08/22/24	JLI	SW8260D
Acrylonitrile	ND	12	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Benzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Bromobenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Bromoform	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Bromomethane	ND	5.9	2.3	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroethane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Chloroform	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Chloromethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Dibromomethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	5.9	ug/Kg	1	08/22/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Methylene chloride	ND	12	5.9	ug/Kg	1	08/22/24	JLI	SW8260D
Naphthalene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
n-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
n-Propylbenzene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
o-Xylene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
sec-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Styrene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
tert-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	08/22/24	JLI	SW8260D
Toluene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Total Xylenes	ND	5.9	5.9	ug/Kg	1	08/22/24	JLI	SW8260D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	2.9	ug/Kg	1	08/22/24	JLI	SW8260D
Trichloroethene	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	08/22/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	08/22/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	08/22/24	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	08/22/24	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	08/22/24	JLI	70 - 130 %
% Toluene-d8	102			%	1	08/22/24	JLI	70 - 130 %

Volatile Library Search Completed

05/06/25

JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	92	ug/Kg	1	08/22/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	100	ug/Kg	1	08/22/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrophenol	ND	380	190	ug/Kg	1	08/22/24	MR	SW8270E
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/22/24	MR	SW8270E
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Chlorophenol	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylnaphthalene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	150	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitroaniline	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
2-Nitrophenol	ND	270	150	ug/Kg	1	08/22/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	270	180	ug/Kg	1	08/22/24	MR	SW8270E
3-Nitroaniline	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	380	110	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Chloroaniline	ND	270	150	ug/Kg	1	08/22/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitroaniline	ND	610	130	ug/Kg	1	08/22/24	MR	SW8270E
4-Nitrophenol	ND	270	77	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Acenaphthylene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Acetophenone	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Aniline	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E

Client ID: DUPE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzidine	ND	270	150	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(a)pyrene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Benzoic acid	ND	770	150	ug/Kg	1	08/22/24	MR	SW8270E
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	380	100	ug/Kg	1	08/22/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	380	110	ug/Kg	1	08/22/24	MR	SW8270E
Carbazole	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
Chrysene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Dibenzofuran	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Diethyl phthalate	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Dimethylphthalate	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-butylphthalate	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
Di-n-octylphthalate	ND	270	99	ug/Kg	1	08/22/24	MR	SW8270E
Fluoranthene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Fluorene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/22/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Hexachloroethane	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Isophorone	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Naphthalene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Nitrobenzene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodimethylamine	ND	380	110	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	380	150	ug/Kg	1	08/22/24	MR	SW8270E
Pentachloronitrobenzene	ND	380	110	ug/Kg	1	08/22/24	MR	SW8270E
Pentachlorophenol	ND	380	140	ug/Kg	1	08/22/24	MR	SW8270E
Phenanthrene	ND	270	110	ug/Kg	1	08/22/24	MR	SW8270E
Phenol	ND	270	120	ug/Kg	1	08/22/24	MR	SW8270E
Pyrene	ND	270	130	ug/Kg	1	08/22/24	MR	SW8270E
Pyridine	ND	380	94	ug/Kg	1	08/22/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	55			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	08/22/24	MR	30 - 130 %
% 2-Fluorophenol	53			%	1	08/22/24	MR	30 - 130 %
% Nitrobenzene-d5	48			%	1	08/22/24	MR	30 - 130 %
% Phenol-d5	52			%	1	08/22/24	MR	30 - 130 %
% Terphenyl-d14	61			%	1	08/22/24	MR	30 - 130 %

Client ID: DUPE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date Time

08/20/24
08/20/24 17:00

Laboratory Data

SDG ID: GCR45184
Phoenix ID: CR45188

Project ID: NEWTON PLAZA
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/20/24		SW5035A
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
2-Hexanone	ND	25	5.0	ug/Kg	1	08/21/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D

Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/21/24	JLI	SW8260D
Acetone	ND	25	5.0	ug/Kg	1	08/21/24	JLI	SW8260D
Acrylonitrile	ND	10	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Benzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Bromoform	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/21/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Chloroform	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	5.0	ug/Kg	1	08/21/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Methylene chloride	ND	10	5.0	ug/Kg	1	08/21/24	JLI	SW8260D
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Styrene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/21/24	JLI	SW8260D
Toluene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Total Xylenes	ND	5.0	5.0	ug/Kg	1	08/21/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/21/24	JLI	SW8260D
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/21/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/21/24	JLI	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	08/21/24	JLI	70 - 130 %

Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	94			%	1	08/21/24	JLI	70 - 130 %
% Dibromofluoromethane	110			%	1	08/21/24	JLI	70 - 130 %
% Toluene-d8	101			%	1	08/21/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/06/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

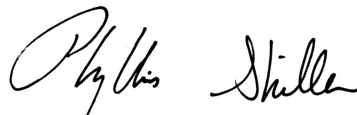
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#: NEWTON

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time

08/20/24
08/20/24 17:00

Laboratory Data

SDG ID: GCR45184
Phoenix ID: CR45207

Project ID: NEWTON PLAZA
Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/20/24		SW5035A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,1-Dichloroethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,1-Dichloroethene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,1-Dichloropropene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,2-Dibromoethane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,2-Dichloroethane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,2-Dichloropropane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
1,3-Dichloropropane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
2,2-Dichloropropane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
2-Chlorotoluene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
2-Hexanone	ND	1300	250	ug/Kg	50	08/21/24	JLI	SW8260D
2-Isopropyltoluene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	08/21/24	JLI	SW8260D
Acetone	ND	5000	250	ug/Kg	50	08/21/24	JLI	SW8260D
Acrylonitrile	ND	500	25	ug/Kg	50	08/21/24	JLI	SW8260D
Benzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Bromobenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Bromochloromethane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Bromodichloromethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Bromoform	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Bromomethane	ND	250	100	ug/Kg	50	08/21/24	JLI	SW8260D
Carbon Disulfide	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Carbon tetrachloride	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Chlorobenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Chloroethane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Chloroform	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Chloromethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Dibromochloromethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Dibromomethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Ethylbenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Hexachlorobutadiene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Isopropylbenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
m&p-Xylene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	3000	250	ug/Kg	50	08/21/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Methylene chloride	ND	500	250	ug/Kg	50	08/21/24	JLI	SW8260D
Naphthalene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
n-Butylbenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
n-Propylbenzene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
o-Xylene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
p-Isopropyltoluene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
sec-Butylbenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Styrene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
tert-Butylbenzene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Tetrachloroethene	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	08/21/24	JLI	SW8260D
Toluene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Total Xylenes	ND	250	250	ug/Kg	50	08/21/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	08/21/24	JLI	SW8260D
Trichloroethene	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Trichlorofluoromethane	ND	250	50	ug/Kg	50	08/21/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D
Vinyl chloride	ND	250	25	ug/Kg	50	08/21/24	JLI	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4 (50x)	102			%	50	08/21/24	JLI	70 - 130 %
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	95			%	50	08/21/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	109			%	50	08/21/24	JLI	70 - 130 %
% Toluene-d8 (50x)	101			%	50	08/21/24	JLI	70 - 130 %
Volatile Library Search	Completed					05/06/25	JLI	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

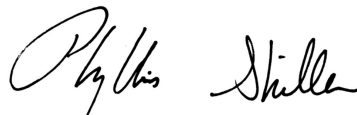
Comments:

TRIP BLANK INCLUDED.

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Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

CLIENT ID
EQUIPMENT BLANK

Client: LABELLA

SAS No.:

SDG No.: GCR45184

Lab Sample ID: CR45184

Lab File ID: 0822 21.D

Date Received: 08/20/24

Date Analyzed: 08/22/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID

Client:

SAS No.:

SDG No.:

Lab Sample ID: CR45185 BLK

Lab File ID: 0820_09.D

Date Received: 08/20/24

Date Analyzed: 08/21/24

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

CONCENTRATION UNITS:

(ug/L or ug/KG)

ug/Kg

FORM I VOA-TIC

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

DUPE

CLIENT ID
TRIP BLANK HL

Client: LABELLA

SAS No.:

Lab Sample ID: CR45207

Lab File ID: 0820_11.D

Date Received: 08/20/24

Date Analyzed: 08/21/24

Dilution Factor: 50

Soil Aliquot Vol (uL): 100

[illegible]

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 745712 (mg/kg), QC Sample No: CR44950 (CR45185, CR45186, CR45187)													
Mercury - Soil	BRL	0.02	<0.03	<0.02	NC	100	94.9	5.2	90.5	91.4	1.0	75 - 125	30
QA/QC Batch 745625 (mg/kg), QC Sample No: CR45185 (CR45185, CR45186, CR45187)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.67	1.05	0.82	NC	88.6	88.8	0.2	91.6			80 - 120	30
Barium	BRL	0.33	11.5	11.0	4.40	94.6	93.0	1.7	101			80 - 120	30
Cadmium	BRL	0.33	<0.35	<0.38	NC	91.1	91.0	0.1	93.0			80 - 120	30
Chromium	BRL	0.33	5.60	5.49	2.00	92.8	92.7	0.1	97.3			80 - 120	30
Lead	BRL	0.33	2.52	2.30	9.10	90.7	93.2	2.7	96.8			80 - 120	30
Selenium	BRL	1.3	<1.4	<1.5	NC	81.2	83.8	3.2	82.4			80 - 120	30
Silver	BRL	0.33	<0.35	<0.38	NC	90.8	91.3	0.5	96.2			70 - 130	30



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QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 747175 (ng/g), QC Sample No: CR45185 (CR45185)										
<u>PFOA & PFOS</u>										
11Cl-PF3OUdS	ND	0.747	73.9	88.0					50 - 150	
3:3FTCA	ND	0.988	60.0	37.8					50 - 150	I
4:2FTS	ND	0.741	103	100					50 - 150	
5:3FTCA	ND	4.94	88.4	80.7					50 - 150	
6:2FTS	ND	0.751	101	121					50 - 150	
7:3FTCA	ND	4.94	89.0	79.1					50 - 150	
8:2FTS	ND	0.759	103	89.0					50 - 150	
9Cl-PF3ONS	ND	0.739	94.4	83.2					50 - 150	
ADONA	ND	0.747	115	130					50 - 150	
FOSA	ND	0.198	89.9	93.0					50 - 150	
HFPO-DA	ND	0.791	128	87.2					50 - 150	
NEtFOSA	ND	0.198	129	73.0					50 - 150	
NEtFOSAA	ND	0.198	97.8	85.2					50 - 150	
NEtFOSE	ND	1.98	97.6	92.0					50 - 150	
NFDHA	ND	0.395	132	106					50 - 150	
NMeFOSA	ND	0.198	95.7	80.7					50 - 150	
NMeFOSAA	ND	0.198	105	91.9					50 - 150	
NMeFOSE	ND	1.98	103	99.3					50 - 150	
PFBA	ND	0.791	94.8	95.9					50 - 150	
PFBS	ND	0.175	99.8	98.3					50 - 150	
PFDA	ND	0.198	113	96.3					50 - 150	
PFDaA	ND	0.198	92.1	77.2					50 - 150	
PFDaDS	ND	0.192	66.4	63.1					50 - 150	
PFDS	ND	0.191	99.7	90.6					50 - 150	
PFEESA	ND	0.352	107	97.9					50 - 150	
PFHpA	ND	0.198	85.6	73.9					50 - 150	
PFHpS	ND	0.198	107	90.9					50 - 150	
PFHxA	ND	0.198	102	92.7					50 - 150	
PFHxS	ND	0.181	107	112					50 - 150	
PFMBA	ND	0.395	119	110					50 - 150	
PFMPA	ND	0.395	9.94	9.23					50 - 150	I
PFNA	ND	0.198	109	106					50 - 150	
PFNS	ND	0.190	125	110					50 - 150	
PFOA	ND	0.198	104	94.6					50 - 150	
PFOS	ND	0.184	110	79.9					50 - 150	
PFPeA	ND	0.395	105	95.8					50 - 150	
PFPeS	ND	0.186	109	103					50 - 150	
PFTA	ND	0.198	98.2	89.5					50 - 150	
PFTTrDA	ND	0.198	117	112					50 - 150	
PFUnA	ND	0.198	111	106					50 - 150	
% d3-N-MeFOSAA	110		113	92.4					25 - 150	

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	125		155	110					25 - 150	I
% M2-6:2 FTS	103		129	80.1					25 - 200	
% M2-8:2 FTS	106		131	85.9					25 - 200	
% M2PFTEDA	90.7		76.7	74.2					10 - 150	
% M3HFPO-DA	98.8		88.7	83.8					25 - 150	
% M3PFBS	161		155	121					25 - 150	I,s
% M3PFHxS	128		134	107					25 - 150	
% M4PFHpA	173		156	142					25 - 150	I,s
% M5PFHxA	120		114	105					25 - 150	
% M5PFPEA	95.9		91.9	84.3					25 - 150	
% M6PFDA	121		117	106					25 - 150	
% M7PFUDA	113		106	94.7					25 - 150	
% M8FOSA	102		98.7	84.9					10 - 150	
% M8PFOA	125		123	107					25 - 150	
% M8PFOS	111		98.5	97.6					25 - 150	
% M9PFNA	114		115	103					25 - 150	
% MPFBA	1.82		2.99	2.90					25 - 150	I,s
% MPFDOA	99.7		93.2	86.7					25 - 150	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 745696 (ug/Kg), QC Sample No: CR45185 (CR45185, CR45186, CR45187)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	106	99	6.8	106	109	2.8	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	102	100	2.0	105	103	1.9	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	88	%	103	100	3.0	106	100	5.8	30 - 150	30
% DCBP (Surrogate Rec) (Confirm)	93	%	109	105	3.7	114	107	6.3	30 - 150	30
% TCMX (Surrogate Rec)	81	%	91	85	6.8	95	94	1.1	30 - 150	30
% TCMX (Surrogate Rec) (Confirm)	81	%	94	87	7.7	98	97	1.0	30 - 150	30

QA/QC Batch 745697 (ug/Kg), QC Sample No: CR45185 (CR45185, CR45186, CR45187)

Pesticides - Soil

4,4' -DDD	ND	1.7	88	90	2.2	100	85	16.2	40 - 140	30
4,4' -DDE	ND	1.7	91	92	1.1	103	86	18.0	40 - 140	30
4,4' -DDT	ND	1.7	98	104	5.9	108	89	19.3	40 - 140	30
a-BHC	ND	1.0	87	84	3.5	95	77	20.9	40 - 140	30
a-Chlordane	ND	3.3	98	99	1.0	112	88	24.0	40 - 140	30
Aldrin	ND	1.0	94	93	1.1	105	85	21.1	40 - 140	30
b-BHC	ND	1.0	92	90	2.2	101	81	22.0	40 - 140	30
Chlordane	ND	33	99	100	1.0	111	92	18.7	40 - 140	30
d-BHC	ND	3.3	90	88	2.2	98	81	19.0	40 - 140	30
Dieldrin	ND	1.0	103	104	1.0	116	96	18.9	40 - 140	30
Endosulfan I	ND	3.3	108	104	3.8	115	102	12.0	40 - 140	30
Endosulfan II	ND	3.3	107	108	0.9	120	97	21.2	40 - 140	30
Endosulfan sulfate	ND	3.3	97	106	8.9	110	92	17.8	40 - 140	30
Endrin	ND	3.3	106	108	1.9	120	98	20.2	40 - 140	30

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endrin aldehyde	ND	3.3	90	87	3.4	100	79	23.5	40 - 140	30
Endrin ketone	ND	3.3	107	113	5.5	123	100	20.6	40 - 140	30
g-BHC	ND	1.0	100	98	2.0	112	90	21.8	40 - 140	30
g-Chlordane	ND	3.3	99	100	1.0	111	92	18.7	40 - 140	30
Heptachlor	ND	3.3	92	90	2.2	102	82	21.7	40 - 140	30
Heptachlor epoxide	ND	3.3	101	102	1.0	110	92	17.8	40 - 140	30
Methoxychlor	ND	3.3	102	106	3.8	120	100	18.2	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	113	%	110	110	0.0	117	99	16.7	30 - 150	30
% DCBP (Confirmation)	87	%	88	90	2.2	95	86	9.9	30 - 150	30
% TCMX	86	%	86	84	2.4	97	78	21.7	30 - 150	30
% TCMX (Confirmation)	90	%	102	101	1.0	105	97	7.9	30 - 150	30

QA/QC Batch 745786 (ug/kg), QC Sample No: CR45185 (CR45185, CR45186, CR45187)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	58	55	5.3	56	60	6.9	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	59	58	1.7	58	61	5.0	30 - 130	30
1,2-Dichlorobenzene	ND	180	50	49	2.0	48	52	8.0	30 - 130	30
1,2-Diphenylhydrazine	ND	230	50	50	0.0	50	53	5.8	30 - 130	30
1,3-Dichlorobenzene	ND	230	48	49	2.1	47	51	8.2	30 - 130	30
1,4-Dichlorobenzene	ND	230	49	49	0.0	48	51	6.1	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	230	31	31	0.0	31	34	9.2	30 - 130	30
2,4,5-Trichlorophenol	ND	230	61	63	3.2	62	67	7.8	30 - 130	30
2,4,6-Trichlorophenol	ND	130	63	63	0.0	63	67	6.2	30 - 130	30
2,4-Dichlorophenol	ND	130	63	62	1.6	61	67	9.4	30 - 130	30
2,4-Dimethylphenol	ND	230	63	59	6.6	62	66	6.3	30 - 130	30
2,4-Dinitrophenol	ND	230	45	52	14.4	50	56	11.3	30 - 130	30
2,4-Dinitrotoluene	ND	130	64	66	3.1	65	70	7.4	30 - 130	30
2,6-Dinitrotoluene	ND	130	66	67	1.5	65	69	6.0	30 - 130	30
2-Chloronaphthalene	ND	230	60	59	1.7	60	63	4.9	30 - 130	30
2-Chlorophenol	ND	230	56	55	1.8	55	60	8.7	30 - 130	30
2-Methylnaphthalene	ND	230	59	57	3.4	57	61	6.8	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	57	48	17.1	56	62	10.2	30 - 130	30
2-Nitroaniline	ND	330	78	80	2.5	79	82	3.7	30 - 130	30
2-Nitrophenol	ND	230	52	49	5.9	50	52	3.9	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	57	56	1.8	57	62	8.4	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	69	71	2.9	72	78	8.0	30 - 130	30
3-Nitroaniline	ND	330	70	72	2.8	71	77	8.1	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	60	65	8.0	63	68	7.6	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	66	67	1.5	65	70	7.4	30 - 130	30
4-Chloro-3-methylphenol	ND	230	64	64	0.0	62	68	9.2	30 - 130	30
4-Chloroaniline	ND	230	54	53	1.9	54	57	5.4	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	62	63	1.6	61	66	7.9	30 - 130	30
4-Nitroaniline	ND	230	53	52	1.9	52	56	7.4	30 - 130	30
4-Nitrophenol	ND	230	46	47	2.2	46	50	8.3	30 - 130	30
Acenaphthene	ND	230	58	57	1.7	57	61	6.8	30 - 130	30
Acenaphthylene	ND	130	51	50	2.0	50	54	7.7	30 - 130	30
Acetophenone	ND	230	50	49	2.0	49	53	7.8	30 - 130	30
Aniline	ND	330	47	46	2.2	46	50	8.3	30 - 130	30
Anthracene	ND	230	62	63	1.6	62	67	7.8	30 - 130	30
Benz(a)anthracene	ND	230	64	66	3.1	65	70	7.4	30 - 130	30
Benzidine	ND	330	76	80	5.1	72	67	7.2	30 - 130	30
Benzo(a)pyrene	ND	130	64	66	3.1	64	69	7.5	30 - 130	30

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzo(b)fluoranthene	ND	160	62	64	3.2	61	65	6.3	30 - 130	30
Benzo(ghi)perylene	ND	230	64	66	3.1	65	69	6.0	30 - 130	30
Benzo(k)fluoranthene	ND	230	61	63	3.2	62	66	6.3	30 - 130	30
Benzoic Acid	ND	670	67	68	1.5	59	65	9.7	30 - 130	30
Benzyl butyl phthalate	ND	230	63	65	3.1	62	68	9.2	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	57	55	3.6	54	59	8.8	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	43	43	0.0	42	46	9.1	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	62	63	1.6	61	67	9.4	30 - 130	30
Carbazole	ND	230	61	63	3.2	62	65	4.7	30 - 130	30
Chrysene	ND	230	61	63	3.2	61	66	7.9	30 - 130	30
Dibenz(a,h)anthracene	ND	130	61	63	3.2	62	67	7.8	30 - 130	30
Dibenzofuran	ND	230	60	61	1.7	60	64	6.5	30 - 130	30
Diethyl phthalate	ND	230	62	63	1.6	63	68	7.6	30 - 130	30
Dimethylphthalate	ND	230	61	63	3.2	62	66	6.3	30 - 130	30
Di-n-butylphthalate	ND	670	64	65	1.6	64	69	7.5	30 - 130	30
Di-n-octylphthalate	ND	230	62	64	3.2	62	67	7.8	30 - 130	30
Fluoranthene	ND	230	62	64	3.2	63	66	4.7	30 - 130	30
Fluorene	ND	230	61	62	1.6	62	66	6.3	30 - 130	30
Hexachlorobenzene	ND	130	57	58	1.7	56	61	8.5	30 - 130	30
Hexachlorobutadiene	ND	230	61	59	3.3	59	61	3.3	30 - 130	30
Hexachlorocyclopentadiene	ND	230	31	28	10.2	23	22	4.4	30 - 130	30
Hexachloroethane	ND	130	47	46	2.2	45	48	6.5	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	60	61	1.7	60	65	8.0	30 - 130	30
Isophorone	ND	130	51	49	4.0	50	54	7.7	30 - 130	30
Naphthalene	ND	230	54	54	0.0	53	56	5.5	30 - 130	30
Nitrobenzene	ND	130	49	48	2.1	48	52	8.0	30 - 130	30
N-Nitrosodimethylamine	ND	230	42	42	0.0	42	46	9.1	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	48	47	2.1	47	52	10.1	30 - 130	30
N-Nitrosodiphenylamine	ND	130	61	62	1.6	61	66	7.9	30 - 130	30
Pentachloronitrobenzene	ND	230	55	57	3.6	55	60	8.7	30 - 130	30
Pentachlorophenol	ND	230	49	53	7.8	50	54	7.7	30 - 130	30
Phenanthrene	ND	130	61	61	0.0	61	65	6.3	30 - 130	30
Phenol	ND	230	59	57	3.4	58	64	9.8	30 - 130	30
Pyrene	ND	230	60	62	3.3	61	64	4.8	30 - 130	30
Pyridine	ND	230	36	36	0.0	37	40	7.8	30 - 130	30
% 2,4,6-Tribromophenol	43	%	51	49	4.0	51	51	0.0	30 - 130	30
% 2-Fluorobiphenyl	44	%	57	55	3.6	56	59	5.2	30 - 130	30
% 2-Fluorophenol	43	%	54	53	1.9	53	56	5.5	30 - 130	30
% Nitrobenzene-d5	38	%	48	47	2.1	47	50	6.2	30 - 130	30
% Phenol-d5	42	%	54	52	3.8	52	55	5.6	30 - 130	30
% Terphenyl-d14	50	%	58	59	1.7	59	59	0.0	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 747584 (ug/kg), QC Sample No: CR45185 (CR45185)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	67	41	45	9.3	48	47	2.1	30 - 130	30
% 2-Fluorobiphenyl	66	%	69	68	1.5	58	54	7.1	30 - 130	30
% Nitrobenzene-d5	85	%	91	90	1.1	78	72	8.0	30 - 130	30
% Terphenyl-d14	77	%	77	72	6.7	67	65	3.0	30 - 130	30

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	%	%
		RL							Rec Limits	RPD Limits
QA/QC Batch 746336 (ug/L), QC Sample No: CR43823 (CR45184)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	106	103	2.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	99	100	1.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	98	99	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	101	100	1.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	102	104	1.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	99	102	3.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	99	98	1.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	103	105	1.9				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	98	100	2.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	102	105	2.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	103	103	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	103	105	1.9				70 - 130	30
1,2-Dibromoethane	ND	1.0	105	104	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	102	100	2.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	102	105	2.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	103	103	0.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	103	104	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	107	106	0.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	103	106	2.9				70 - 130	30
2-Chlorotoluene	ND	1.0	104	103	1.0				70 - 130	30
2-Hexanone	ND	5.0	98	97	1.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	104	105	1.0				70 - 130	30
4-Chlorotoluene	ND	1.0	99	102	3.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	91	100	9.4				70 - 130	30
Acetone	ND	5.0	95	89	6.5				70 - 130	30
Acrylonitrile	ND	5.0	99	101	2.0				70 - 130	30
Benzene	ND	0.70	101	101	0.0				70 - 130	30
Bromobenzene	ND	1.0	103	105	1.9				70 - 130	30
Bromochloromethane	ND	1.0	101	100	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	102	99	3.0				70 - 130	30
Bromoform	ND	1.0	101	101	0.0				70 - 130	30
Bromomethane	ND	1.0	129	125	3.1				70 - 130	30
Carbon Disulfide	ND	1.0	101	106	4.8				70 - 130	30
Carbon tetrachloride	ND	1.0	99	99	0.0				70 - 130	30
Chlorobenzene	ND	1.0	108	105	2.8				70 - 130	30
Chloroethane	ND	1.0	113	113	0.0				70 - 130	30
Chloroform	ND	1.0	100	103	3.0				70 - 130	30
Chloromethane	ND	1.0	121	126	4.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	100	106	5.8				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	105	104	1.0				70 - 130	30
Dibromochloromethane	ND	0.50	103	103	0.0				70 - 130	30
Dibromomethane	ND	1.0	100	99	1.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	135	141	4.3				70 - 130	30
Ethylbenzene	ND	1.0	103	104	1.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	97	99	2.0				70 - 130	30
Isopropylbenzene	ND	1.0	105	106	0.9				70 - 130	30
m&p-Xylene	ND	1.0	106	105	0.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	94	97	3.1				70 - 130	30

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	1.0	98	103	5.0				70 - 130	30
Methylene chloride	ND	1.0	93	96	3.2				70 - 130	30
Naphthalene	ND	1.0	101	104	2.9				70 - 130	30
n-Butylbenzene	ND	1.0	102	103	1.0				70 - 130	30
n-Propylbenzene	ND	1.0	100	101	1.0				70 - 130	30
o-Xylene	ND	1.0	105	104	1.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	102	103	1.0				70 - 130	30
sec-Butylbenzene	ND	1.0	100	102	2.0				70 - 130	30
Styrene	ND	1.0	107	106	0.9				70 - 130	30
tert-Butylbenzene	ND	1.0	100	101	1.0				70 - 130	30
Tetrachloroethene	ND	1.0	93	97	4.2				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	95	97	2.1				70 - 130	30
Toluene	ND	1.0	103	104	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	97	100	3.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	97	103	6.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	98	98	0.0				70 - 130	30
Trichloroethene	ND	1.0	104	105	1.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	99	103	4.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	102	103	1.0				70 - 130	30
Vinyl chloride	ND	1.0	106	111	4.6				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	99	100	1.0				70 - 130	30
% Bromofluorobenzene	96	%	103	102	1.0				70 - 130	30
% Dibromofluoromethane	98	%	104	104	0.0				70 - 130	30
% Toluene-d8	99	%	101	99	2.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 745768 (ug/kg), QC Sample No: CR45185 (CR45185, CR45188)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	95	97	2.1	98	97	1.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	103	106	2.9	112	112	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	106	110	3.7	113	113	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	103	104	1.0	106	103	2.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	109	112	2.7	122	120	1.7	70 - 130	30
1,1-Dichloroethene	ND	5.0	107	109	1.9	121	118	2.5	70 - 130	30
1,1-Dichloropropene	ND	5.0	105	104	1.0	111	110	0.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	101	104	2.9	102	100	2.0	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	97	100	3.0	102	100	2.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	103	105	1.9	103	103	0.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	100	103	3.0	106	106	0.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	108	110	1.8	105	106	0.9	70 - 130	30
1,2-Dibromoethane	ND	5.0	101	104	2.9	102	103	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	98	101	3.0	103	102	1.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	93	93	0.0	91	91	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	107	109	1.9	112	112	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	103	106	2.9	109	111	1.8	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	99	101	2.0	103	104	1.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	101	103	2.0	102	102	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	97	101	4.0	102	102	0.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	109	114	4.5	110	113	2.7	70 - 130	30
2-Chlorotoluene	ND	5.0	105	108	2.8	112	111	0.9	70 - 130	30
2-Hexanone	ND	25	101	104	2.9	100	100	0.0	70 - 130	30
2-Isopropyltoluene	ND	5.0	105	108	2.8	112	113	0.9	70 - 130	30

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chlorotoluene	ND	5.0	99	104	4.9	105	107	1.9	70 - 130	30	
4-Methyl-2-pentanone	ND	25	114	114	0.0	115	111	3.5	70 - 130	30	
Acetone	ND	10	93	96	3.2	99	104	4.9	70 - 130	30	
Acrylonitrile	ND	5.0	119	121	1.7	128	126	1.6	70 - 130	30	
Benzene	ND	1.0	101	103	2.0	107	106	0.9	70 - 130	30	
Bromobenzene	ND	5.0	100	102	2.0	104	104	0.0	70 - 130	30	
Bromochloromethane	ND	5.0	108	109	0.9	114	115	0.9	70 - 130	30	
Bromodichloromethane	ND	5.0	99	101	2.0	99	98	1.0	70 - 130	30	
Bromoform	ND	5.0	100	102	2.0	94	95	1.1	70 - 130	30	
Bromomethane	ND	5.0	104	105	1.0	117	108	8.0	70 - 130	30	
Carbon Disulfide	ND	5.0	115	116	0.9	126	121	4.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	102	104	1.9	112	110	1.8	70 - 130	30	
Chlorobenzene	ND	5.0	98	102	4.0	103	104	1.0	70 - 130	30	
Chloroethane	ND	5.0	111	113	1.8	126	107	16.3	70 - 130	30	
Chloroform	ND	5.0	102	104	1.9	112	112	0.0	70 - 130	30	
Chloromethane	ND	5.0	133	134	0.7	148	144	2.7	70 - 130	30	I,m
cis-1,2-Dichloroethene	ND	5.0	111	114	2.7	124	120	3.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	109	111	1.8	110	107	2.8	70 - 130	30	
Dibromochloromethane	ND	3.0	100	101	1.0	97	97	0.0	70 - 130	30	
Dibromomethane	ND	5.0	103	104	1.0	105	104	1.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	104	104	0.0	112	110	1.8	70 - 130	30	
Ethylbenzene	ND	1.0	98	100	2.0	103	104	1.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	100	101	1.0	105	106	0.9	70 - 130	30	
Isopropylbenzene	ND	1.0	109	112	2.7	119	118	0.8	70 - 130	30	
m&p-Xylene	ND	2.0	97	100	3.0	102	104	1.9	70 - 130	30	
Methyl ethyl ketone	ND	5.0	110	108	1.8	114	113	0.9	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	101	103	2.0	107	104	2.8	70 - 130	30	
Methylene chloride	ND	5.0	101	103	2.0	110	106	3.7	70 - 130	30	
Naphthalene	ND	5.0	107	110	2.8	108	107	0.9	70 - 130	30	
n-Butylbenzene	ND	1.0	107	108	0.9	115	116	0.9	70 - 130	30	
n-Propylbenzene	ND	1.0	105	105	0.0	112	112	0.0	70 - 130	30	
o-Xylene	ND	2.0	100	104	3.9	106	105	0.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	106	108	1.9	113	114	0.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	105	106	0.9	113	114	0.9	70 - 130	30	
Styrene	ND	5.0	103	105	1.9	106	107	0.9	70 - 130	30	
tert-Butylbenzene	ND	1.0	104	108	3.8	112	113	0.9	70 - 130	30	
Tetrachloroethene	ND	5.0	105	106	0.9	112	111	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	123	121	1.6	131	127	3.1	70 - 130	30	m
Toluene	ND	1.0	100	102	2.0	107	106	0.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	107	110	2.8	119	116	2.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	107	109	1.9	105	103	1.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	117	120	2.5	112	112	0.0	70 - 130	30	
Trichloroethene	ND	5.0	101	103	2.0	105	105	0.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	97	97	0.0	108	100	7.7	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	105	106	0.9	120	116	3.4	70 - 130	30	
Vinyl chloride	ND	5.0	118	118	0.0	131	128	2.3	70 - 130	30	m
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0	101	100	1.0	70 - 130	30	
% Bromofluorobenzene	97	%	96	97	1.0	95	96	1.0	70 - 130	30	
% Dibromofluoromethane	113	%	107	106	0.9	110	109	0.9	70 - 130	30	
% Toluene-d8	99	%	103	103	0.0	102	102	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 745768H (ug/kg), QC Sample No: CR45185 50X (CR45207 (50X))										
Volatiles - Soil (High Level)										
1,1,1,2-Tetrachloroethane	ND	250	92	95	3.2	95	91	4.3	70 - 130	30
1,1,1-Trichloroethane	ND	250	98	102	4.0	104	105	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	250	105	106	0.9	109	107	1.9	70 - 130	30
1,1,2-Trichloroethane	ND	250	99	99	0.0	102	100	2.0	70 - 130	30
1,1-Dichloroethane	ND	250	106	109	2.8	114	114	0.0	70 - 130	30
1,1-Dichloroethene	ND	250	90	93	3.3	96	98	2.1	70 - 130	30
1,1-Dichloropropene	ND	250	103	104	1.0	105	105	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	250	105	105	0.0	107	105	1.9	70 - 130	30
1,2,3-Trichloropropane	ND	250	92	94	2.2	95	93	2.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	110	112	1.8	112	109	2.7	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	99	102	3.0	103	101	2.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	250	99	101	2.0	100	100	0.0	70 - 130	30
1,2-Dibromoethane	ND	250	95	96	1.0	98	96	2.1	70 - 130	30
1,2-Dichlorobenzene	ND	250	101	105	3.9	104	102	1.9	70 - 130	30
1,2-Dichloroethane	ND	250	87	88	1.1	90	88	2.2	70 - 130	30
1,2-Dichloropropane	ND	250	106	106	0.0	110	109	0.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	101	103	2.0	104	102	1.9	70 - 130	30
1,3-Dichlorobenzene	ND	250	102	103	1.0	104	101	2.9	70 - 130	30
1,3-Dichloropropane	ND	250	97	97	0.0	100	98	2.0	70 - 130	30
1,4-Dichlorobenzene	ND	250	102	104	1.9	105	102	2.9	70 - 130	30
2,2-Dichloropropane	ND	250	106	105	0.9	103	108	4.7	70 - 130	30
2-Chlorotoluene	ND	250	103	106	2.9	106	104	1.9	70 - 130	30
2-Hexanone	ND	1300	94	94	0.0	92	94	2.2	70 - 130	30
2-Isopropyltoluene	ND	250	103	105	1.9	107	104	2.8	70 - 130	30
4-Chlorotoluene	ND	250	101	103	2.0	104	101	2.9	70 - 130	30
4-Methyl-2-pentanone	ND	1300	103	103	0.0	106	105	0.9	70 - 130	30
Acetone	ND	500	71	71	0.0	79	75	5.2	70 - 130	30
Acrylonitrile	ND	250	106	108	1.9	118	116	1.7	70 - 130	30
Benzene	ND	250	100	100	0.0	104	104	0.0	70 - 130	30
Bromobenzene	ND	250	97	100	3.0	102	98	4.0	70 - 130	30
Bromochloromethane	ND	250	103	106	2.9	110	110	0.0	70 - 130	30
Bromodichloromethane	ND	250	94	93	1.1	98	93	5.2	70 - 130	30
Bromoform	ND	250	91	91	0.0	91	88	3.4	70 - 130	30
Bromomethane	ND	250	87	88	1.1	90	91	1.1	70 - 130	30
Carbon Disulfide	ND	250	90	92	2.2	96	98	2.1	70 - 130	30
Carbon tetrachloride	ND	250	98	98	0.0	100	100	0.0	70 - 130	30
Chlorobenzene	ND	250	99	100	1.0	101	100	1.0	70 - 130	30
Chloroethane	ND	250	51	51	0.0	51	53	3.8	70 - 130	30
Chloroform	ND	250	101	103	2.0	108	107	0.9	70 - 130	30
Chloromethane	ND	250	128	129	0.8	133	134	0.7	70 - 130	30
cis-1,2-Dichloroethene	ND	250	109	112	2.7	117	117	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	250	105	105	0.0	106	104	1.9	70 - 130	30
Dibromochloromethane	ND	150	93	94	1.1	95	91	4.3	70 - 130	30
Dibromomethane	ND	250	97	98	1.0	101	100	1.0	70 - 130	30
Dichlorodifluoromethane	ND	250	99	101	2.0	103	102	1.0	70 - 130	30
Ethylbenzene	ND	250	98	100	2.0	101	99	2.0	70 - 130	30
Hexachlorobutadiene	ND	250	105	107	1.9	106	103	2.9	70 - 130	30
Isopropylbenzene	ND	250	106	109	2.8	110	106	3.7	70 - 130	30
m&p-Xylene	ND	250	99	100	1.0	101	98	3.0	70 - 130	30
Methyl ethyl ketone	ND	250	95	96	1.0	102	97	5.0	70 - 130	30

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	250	98	99	1.0	103	103	0.0	70 - 130	30
Methylene chloride	ND	250	97	100	3.0	104	103	1.0	70 - 130	30
Naphthalene	ND	250	103	106	2.9	108	105	2.8	70 - 130	30
n-Butylbenzene	ND	250	109	112	2.7	112	110	1.8	70 - 130	30
n-Propylbenzene	ND	250	103	105	1.9	106	103	2.9	70 - 130	30
o-Xylene	ND	250	101	103	2.0	103	102	1.0	70 - 130	30
p-Isopropyltoluene	ND	250	106	108	1.9	108	107	0.9	70 - 130	30
sec-Butylbenzene	ND	250	102	105	2.9	106	104	1.9	70 - 130	30
Styrene	ND	250	105	105	0.0	108	104	3.8	70 - 130	30
tert-Butylbenzene	ND	250	101	104	2.9	104	103	1.0	70 - 130	30
Tetrachloroethene	ND	250	106	107	0.9	108	106	1.9	70 - 130	30
Tetrahydrofuran (THF)	ND	250	104	108	3.8	114	113	0.9	70 - 130	30
Toluene	ND	250	100	101	1.0	104	102	1.9	70 - 130	30
trans-1,2-Dichloroethene	ND	250	104	107	2.8	113	112	0.9	70 - 130	30
trans-1,3-Dichloropropene	ND	250	101	101	0.0	103	99	4.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	250	107	110	2.8	106	104	1.9	70 - 130	30
Trichloroethene	ND	250	99	100	1.0	101	100	1.0	70 - 130	30
Trichlorofluoromethane	ND	250	41	42	2.4	44	45	2.2	70 - 130	30
Trichlorotrifluoroethane	ND	250	96	97	1.0	100	100	0.0	70 - 130	30
Vinyl chloride	ND	250	111	113	1.8	118	119	0.8	70 - 130	30
% 1,2-dichlorobenzene-d4	102	%	102	103	1.0	102	103	1.0	70 - 130	30
% Bromofluorobenzene	95	%	99	98	1.0	97	98	1.0	70 - 130	30
% Dibromofluoromethane	105	%	102	106	3.8	106	109	2.8	70 - 130	30
% Toluene-d8	101	%	103	102	1.0	104	103	1.0	70 - 130	30

l,m

QA/QC Batch 745911 (ug/kg), QC Sample No: CR45681 (CR45186, CR45187)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	97	96	1.0				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	104	104	0.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	111	106	4.6				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	102	100	2.0				70 - 130	30
1,1-Dichloroethane	ND	5.0	105	104	1.0				70 - 130	30
1,1-Dichloroethene	ND	5.0	107	107	0.0				70 - 130	30
1,1-Dichloropropene	ND	5.0	103	103	0.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	103	102	1.0				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	111	109	1.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	103	100	3.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	105	105	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	98	97	1.0				70 - 130	30
1,2-Dibromoethane	ND	5.0	100	97	3.0				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	105	105	0.0				70 - 130	30
1,2-Dichloroethane	ND	5.0	109	106	2.8				70 - 130	30
1,2-Dichloropropane	ND	5.0	103	102	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	103	104	1.0				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	102	101	1.0				70 - 130	30
1,3-Dichloropropane	ND	5.0	104	101	2.9				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	105	104	1.0				70 - 130	30
2,2-Dichloropropane	ND	5.0	101	100	1.0				70 - 130	30
2-Chlorotoluene	ND	5.0	102	103	1.0				70 - 130	30
2-Hexanone	ND	25	95	89	6.5				70 - 130	30
2-Isopropyltoluene	ND	5.0	107	107	0.0				70 - 130	30
4-Chlorotoluene	ND	5.0	103	101	2.0				70 - 130	30
4-Methyl-2-pentanone	ND	25	106	101	4.8				70 - 130	30

QA/QC Data

SDG I.D.: GCR45184

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acetone	ND	10	106	99	6.8				70 - 130	30
Acrylonitrile	ND	5.0	103	100	3.0				70 - 130	30
Benzene	ND	1.0	101	102	1.0				70 - 130	30
Bromobenzene	ND	5.0	103	103	0.0				70 - 130	30
Bromochloromethane	ND	5.0	99	98	1.0				70 - 130	30
Bromodichloromethane	ND	5.0	102	101	1.0				70 - 130	30
Bromoform	ND	5.0	92	87	5.6				70 - 130	30
Bromomethane	ND	5.0	106	107	0.9				70 - 130	30
Carbon Disulfide	ND	5.0	102	102	0.0				70 - 130	30
Carbon tetrachloride	ND	5.0	102	102	0.0				70 - 130	30
Chlorobenzene	ND	5.0	102	102	0.0				70 - 130	30
Chloroethane	ND	5.0	111	111	0.0				70 - 130	30
Chloroform	ND	5.0	106	104	1.9				70 - 130	30
Chloromethane	ND	5.0	107	106	0.9				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	104	102	1.9				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	106	104	1.9				70 - 130	30
Dibromochloromethane	ND	3.0	98	97	1.0				70 - 130	30
Dibromomethane	ND	5.0	104	102	1.9				70 - 130	30
Dichlorodifluoromethane	ND	5.0	87	87	0.0				70 - 130	30
Ethylbenzene	ND	1.0	98	98	0.0				70 - 130	30
Hexachlorobutadiene	ND	5.0	100	102	2.0				70 - 130	30
Isopropylbenzene	ND	1.0	101	102	1.0				70 - 130	30
m&p-Xylene	ND	2.0	97	97	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	102	95	7.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	120	117	2.5				70 - 130	30
Methylene chloride	ND	5.0	108	106	1.9				70 - 130	30
Naphthalene	ND	5.0	105	102	2.9				70 - 130	30
n-Butylbenzene	ND	1.0	111	112	0.9				70 - 130	30
n-Propylbenzene	ND	1.0	102	103	1.0				70 - 130	30
o-Xylene	ND	2.0	101	99	2.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	104	105	1.0				70 - 130	30
sec-Butylbenzene	ND	1.0	104	105	1.0				70 - 130	30
Styrene	ND	5.0	97	96	1.0				70 - 130	30
tert-Butylbenzene	ND	1.0	104	104	0.0				70 - 130	30
Tetrachloroethene	ND	5.0	95	95	0.0				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	107	101	5.8				70 - 130	30
Toluene	ND	1.0	103	100	3.0				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	112	113	0.9				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	107	104	2.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	103	98	5.0				70 - 130	30
Trichloroethene	ND	5.0	97	97	0.0				70 - 130	30
Trichlorofluoromethane	ND	5.0	112	111	0.9				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	107	106	0.9				70 - 130	30
Vinyl chloride	ND	5.0	101	103	2.0				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	101	101	0.0				70 - 130	30
% Bromofluorobenzene	100	%	102	100	2.0				70 - 130	30
% Dibromofluoromethane	96	%	95	98	3.1				70 - 130	30
% Toluene-d8	101	%	103	103	0.0				70 - 130	30

Comment:

The Low Level MS/MSD are not reported for this batch.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

s = This parameter is outside laboratory Blank Surrogate specified recovery limits.

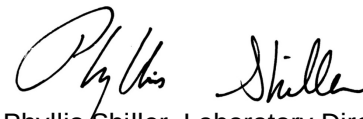
QA/QC Data

SDG I.D.: GCR45184

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


Phyllis Shiller, Laboratory Director
May 07, 2025

Wednesday, May 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR45184 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

May 07, 2025

SDG I.D.: GCR45184

The samples in this delivery group were received at 2.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

[illegible]

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Friday, September 13, 2024 1:48 PM
To: Rebecca Merz
Cc: Sarah Bell
Subject: Re: [Ext] Newtown Project - Add Category B Deliverable

Yes. Every report under this Newton PO should get CatB deliverables. I believe this is five reports but can't confirm at this moment.

Sent from my iPhone

On Sep 13, 2024, at 1:45 PM, Rebecca Merz <rebeccam@phoenixlabs.com> wrote:

Hi Todd,

Got your message and want to confirm the list of SDGs you would like us to add a Category B Data Package to. Our records show five SDGs.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041

Please confirm this list is complete and we will get the data packages ordered for you.

Thank you,

Rebecca Merz

New England Sales Manager
Phoenix Environmental Laboratories, Inc.
860-212-9457 (mobile)
rebeccam@phoenixlabs.com
<https://www.phoenixlabs.com/>

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

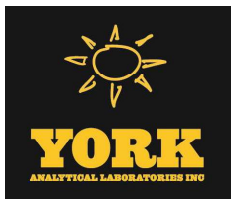
From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.

P.O. Box 370, 587 East Middle Turnpike

Manchester CT, 06040

Attention: Helen Geoghegan

Report Date: 08/30/2024

Client Project ID: GCR45184

York Project (SDG) No.: 24H1485

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/30/2024
Client Project ID: GCR45184
York Project (SDG) No.: 24H1485

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2024 and listed below. The project was identified as your project: **GCR45184**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24H1485-01	CR45185	Soil	08/20/2024	08/22/2024

General Notes for York Project (SDG) No.: 24H1485

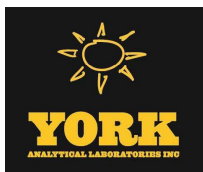
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 08/30/2024





Sample Information

Client Sample ID: CR45185

York Sample ID: 24H1485-01

York Project (SDG) No.
24H1485

Client Project ID
GCR45184

Matrix
Soil

Collection Date/Time
August 20, 2024 9:20 am

Date Received
08/22/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0628	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.204	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.148	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.184	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.705	0.900	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.894	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.165	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ



Sample Information

Client Sample ID: CR45185

York Sample ID: 24H1485-01

York Project (SDG) No.
24H1485

Client Project ID
GCR45184

Matrix
Soil

Collection Date/Time
August 20, 2024 9:20 am

Date Received
08/22/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.229	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS -L	ug/kg dry	0.0734	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.474	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.705	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.720	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:33	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV -L, PF-LCS -L	ug/kg dry	0.751	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.78	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.724	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.825	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:33	ESJ
Surrogate Recoveries		Result	Acceptance Range								
Surrogate: M3PFBS		183 %	PFSu-H	25-150							
Surrogate: M5PFHxA		126 %		25-150							
Surrogate: M4PFHpA		185 %	PFSu-H	25-150							
Surrogate: M3PFHxS		157 %	PFSu-H	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		139 %		25-150							



Sample Information

Client Sample ID: CR45185

York Sample ID: 24H1485-01

York Project (SDG) No.
24H1485

Client Project ID
GCR45184

Matrix
Soil

Collection Date/Time
August 20, 2024 9:20 am

Date Received
08/22/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M6PFDA	126 %			25-150						
	Surrogate: M7PFUdA	130 %			25-150						
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	109 %			25-150						
	Surrogate: M2PFTeDA	90.1 %			10-150						
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	119 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	125 %			25-150						
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	125 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	111 %			10-150						
	Surrogate: d3-N-MeFOSAA	123 %			25-150						
	Surrogate: d5-N-EtFOSAA	132 %			25-150						
	Surrogate: M2-6:2 FTS	102 %			25-200						
	Surrogate: M2-8:2 FTS	126 %			25-200						
	Surrogate: M9PFNA	140 %			25-150						
	Surrogate: M2-4:2 FTS	140 %			25-150						
	Surrogate: d-N-MeFOSA	68.2 %			25-150						
	Surrogate: d-N-EtFOSA	75.4 %			25-150						
	Surrogate: M3HFPO-DA	107 %			25-150						
	Surrogate: d9-N-EtFOSE	91.5 %			25-150						
	Surrogate: d7-N-MeFOSE	83.8 %			25-150						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.9		%	0.100	1	SM 2540G	08/23/2024 14:18	08/23/2024 14:21	AC
							Certifications:	CTDOH-PH-0723		



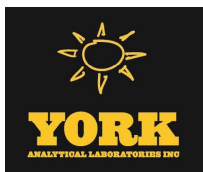
Analytical Batch Summary

Batch ID: BH41591 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1485-01	CR45185	08/23/24

Batch ID: BH41764 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1485-01	CR45185	08/27/24
BH41764-BLK1	Blank	08/27/24
BH41764-BS1	LCS	08/27/24
BH41764-BS2	LCS	08/27/24



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

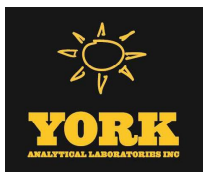
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH41764 - EPA 1633 Prep

Blank (BH41764-BLK1)

Prepared: 08/27/2024 Analyzed: 08/29/2024

Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	0.352	"								
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	3.70		"	2.30		161	25-150				
Surrogate: M5PFHxA	2.97		"	2.47		120	25-150				
Surrogate: M4PFHpA	4.28		"	2.47		173	25-150				
Surrogate: M3PFHxS	3.00		"	2.34		128	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.09		"	2.47		125	25-150				
Surrogate: M6PFDA	1.49		"	1.24		121	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BH41764 - EPA 1633 Prep

Blank (BH41764-BLK1)

Prepared: 08/27/2024 Analyzed: 08/29/2024

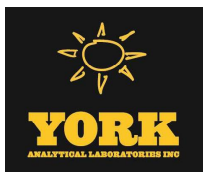
Surrogate: M7PFUdA	1.39		ug/kg wet	1.24		113	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.23		"	1.24		99.7	25-150				
Surrogate: M2PFTeDA	1.12		"	1.24		90.7	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	0.180		"	9.88		1.82	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.62		"	2.37		111	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.74		"	4.94		95.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.52		"	2.47		102	10-150				
Surrogate: d3-N-MeFOSAA	5.45		"	4.94		110	25-150				
Surrogate: d5-N-EtFOSAA	5.88		"	4.94		119	25-150				
Surrogate: M2-6:2 FTS	4.83		"	4.70		103	25-200				
Surrogate: M2-8:2 FTS	5.04		"	4.74		106	25-200				
Surrogate: M9PFNA	1.41		"	1.24		114	25-150				
Surrogate: M2-4:2 FTS	5.79		"	4.63		125	25-150				
Surrogate: d-N-MeFOSA	1.91		"	2.47		77.5	25-150				
Surrogate: d-N-EtFOSA	1.72		"	2.47		69.5	25-150				
Surrogate: M3HFPO-DA	9.76		"	9.88		98.8	25-150				
Surrogate: d9-N-EtFOSE	21.2		"	24.7		85.8	25-150				
Surrogate: d7-N-MeFOSE	20.6		"	24.7		83.5	25-150				

LCS (BH41764-BS1)

Prepared: 08/27/2024 Analyzed: 08/29/2024

Perfluorobutanesulfonic acid (PFBS)	3.48	0.175	ug/kg wet	3.49		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	4.04	0.197	"	3.94		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.38	0.197	"	3.94		85.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.85	0.180	"	3.61		107	50-150				
Perfluorooctanoic acid (PFOA)	4.11	0.197	"	3.94		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.04	0.183	"	3.67		110	50-150				
Perfluorononanoic acid (PFNA)	4.31	0.197	"	3.94		109	50-150				
Perfluorodecanoic acid (PFDA)	4.44	0.197	"	3.94		113	50-150				
Perfluoroundecanoic acid (PFUnA)	4.36	0.197	"	3.94		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.61	0.197	"	3.94		117	50-150				
Perfluorotetradecanoic acid (PFTA)	3.87	0.197	"	3.94		98.2	50-150				
N-MeFOSAA	4.15	0.197	"	3.94		105	50-150				
N-EtFOSAA	3.86	0.197	"	3.94		97.8	50-150				
Perfluoropentanoic acid (PFPeA)	8.29	0.394	"	7.89		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.55	0.197	"	3.94		89.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.02	0.197	"	3.77		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.80	0.190	"	3.81		99.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	0.750	"	15.0		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.6	0.757	"	15.1		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.789	"	15.8		94.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	7.50	0.351	"	7.02		107	50-150				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	10.4	0.394	"	7.89		132	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.784	0.394	"	7.89		9.94	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.41	0.394	"	7.89		119	50-150				

Low Bias



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

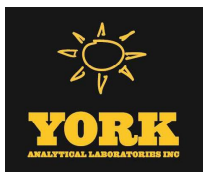
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH41764 - EPA 1633 Prep

LCS (BH41764-BS1)

Prepared: 08/27/2024 Analyzed: 08/29/2024

Perfluoro-1-pentanesulfonate (PFPeS)	4.05	0.185	ug/kg wet	3.71		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.2	0.740	"	14.8		103	50-150				
HFPO-DA (Gen-X)	10.1	0.789	"	7.89		128	50-150				
11CL-PF3OUdS	5.51	0.746	"	7.46		73.9	50-150				
9CL-PF3ONS	6.96	0.738	"	7.38		94.4	50-150				
ADONA	8.54	0.746	"	7.46		115	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.191	"	3.83		66.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.74	0.189	"	3.79		125	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.46	0.986	"	15.8		60.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.7	4.93	"	78.9		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.2	4.93	"	78.9		89.0	50-150				
N-MeFOSE	40.5	1.97	"	39.4		103	50-150				
N-MeFOSA	3.78	0.197	"	3.94		95.7	50-150				
N-EtFOSE	38.5	1.97	"	39.4		97.6	50-150				
N-EtFOSA	5.07	0.197	"	3.94		129	50-150				
Surrogate: M3PFBS	3.57		"	2.30		155	25-150				
Surrogate: M5PFHxA	2.81		"	2.47		114	25-150				
Surrogate: M4PFHpA	3.85		"	2.47		156	25-150				
Surrogate: M3PFHxS	3.14		"	2.34		134	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.03		"	2.47		123	25-150				
Surrogate: M6PFDA	1.45		"	1.23		117	25-150				
Surrogate: M7PFUdA	1.31		"	1.23		106	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.15		"	1.23		93.2	25-150				
Surrogate: M2PFTeDA	0.945		"	1.23		76.7	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	0.295		"	9.86		2.99	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.33		"	2.36		98.5	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.53		"	4.93		91.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.43		"	2.47		98.7	10-150				
Surrogate: d3-N-MeFOSAA	5.55		"	4.93		113	25-150				
Surrogate: d5-N-EtFOSAA	5.23		"	4.93		106	25-150				
Surrogate: M2-6:2 FTS	6.07		"	4.69		129	25-200				
Surrogate: M2-8:2 FTS	6.21		"	4.73		131	25-200				
Surrogate: M9PFNA	1.41		"	1.23		115	25-150				
Surrogate: M2-4:2 FTS	7.19		"	4.63		155	25-150				
Surrogate: d-N-MeFOSA	2.37		"	2.47		96.0	25-150				
Surrogate: d-N-EtFOSA	1.79		"	2.47		72.8	25-150				
Surrogate: M3HFPO-DA	8.75		"	9.86		88.7	25-150				
Surrogate: d9-N-EtFOSE	18.9		"	24.7		76.8	25-150				
Surrogate: d7-N-MeFOSE	18.6		"	24.7		75.6	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH41764 - EPA 1633 Prep

LCS (BH41764-BS2)

Prepared: 08/27/2024 Analyzed: 08/29/2024

Perfluorobutanesulfonic acid (PFBS)	0.696	0.177	ug/kg wet	0.708		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.742	0.200	"	0.800		92.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.591	0.200	"	0.800		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.820	0.183	"	0.732		112	50-150				
Perfluorooctanoic acid (PFOA)	0.757	0.200	"	0.800		94.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.595	0.186	"	0.744		79.9	50-150				
Perfluorononanoic acid (PFNA)	0.845	0.200	"	0.800		106	50-150				
Perfluorodecanoic acid (PFDA)	0.770	0.200	"	0.800		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.847	0.200	"	0.800		106	50-150				
Perfluorododecanoic acid (PFDoA)	0.617	0.200	"	0.800		77.2	50-150				
Perfluorotridecanoic acid (PFTriDA)	0.895	0.200	"	0.800		112	50-150				
Perfluorotetradecanoic acid (PFTA)	0.716	0.200	"	0.800		89.5	50-150				
N-MeFOSAA	0.735	0.200	"	0.800		91.9	50-150				
N-EtFOSAA	0.682	0.200	"	0.800		85.2	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.744	0.200	"	0.800		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.694	0.200	"	0.764		90.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.699	0.193	"	0.772		90.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.69	0.760	"	3.04		121	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.73	0.768	"	3.07		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.800	"	3.20		95.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	1.39	0.356	"	1.42		97.9	50-150				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	1.70	0.400	"	1.60		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.148	0.400	"	1.60		9.23	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.77	0.400	"	1.60		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.774	0.188	"	0.752		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	3.01	0.750	"	3.00		100	50-150				
HFPO-DA (Gen-X)	1.39	0.800	"	1.60		87.2	50-150				
11CL-PF3OUdS	1.33	0.756	"	1.51		88.0	50-150				
9CL-PF3ONS	1.24	0.748	"	1.50		83.2	50-150				
ADONA	1.96	0.756	"	1.51		130	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.490	0.194	"	0.776		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.843	0.192	"	0.768		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.21	1.00	"	3.20		37.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	12.9	5.00	"	16.0		80.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.7	5.00	"	16.0		79.1	50-150				
N-MeFOSE	7.94	2.00	"	8.00		99.3	50-150				
N-MeFOSA	0.646	0.200	"	0.800		80.7	50-150				
N-EtFOSE	7.36	2.00	"	8.00		92.0	50-150				
N-EtFOSA	0.584	0.200	"	0.800		73.0	50-150				
Surrogate: M3PFBS	2.81		"	2.33		121	25-150				
Surrogate: M5PFHxA	2.63		"	2.50		105	25-150				
Surrogate: M4PFHpA	3.54		"	2.50		142	25-150				
Surrogate: M3PFHxS	2.53		"	2.37		107	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.67		"	2.50		107	25-150				
Surrogate: M6PFDA	1.32		"	1.25		106	25-150				
Surrogate: M7PFUdA	1.18		"	1.25		94.7	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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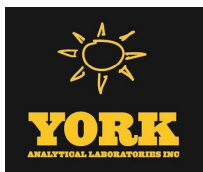
Batch BH41764 - EPA 1633 Prep

LCS (BH41764-BS2)

Prepared: 08/27/2024 Analyzed: 08/29/2024

Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.08		ug/kg wet	1.25		86.7	25-150			
Surrogate: M2PFTeDA	0.927		"	1.25		74.2	10-150			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	0.290		"	10.0		2.90	25-150			
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.34		"	2.40		97.6	25-150			
Surrogate: Perfluoro-n-[13C5]pentanoic acid (MSPFPeA)	4.21		"	5.00		84.3	25-150			
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.12		"	2.50		84.9	10-150			
Surrogate: d3-N-MeFOSAA	4.62		"	5.00		92.4	25-150			
Surrogate: d5-N-EtFOSAA	4.68		"	5.00		93.6	25-150			
Surrogate: M2-6:2 FTS	3.81		"	4.76		80.1	25-200			
Surrogate: M2-8:2 FTS	4.13		"	4.80		85.9	25-200			
Surrogate: M9PFNA	1.28		"	1.25		103	25-150			
Surrogate: M2-4:2 FTS	5.15		"	4.69		110	25-150			
Surrogate: d-N-MeFOSA	1.92		"	2.50		76.6	25-150			
Surrogate: d-N-EtFOSA	1.66		"	2.50		66.3	25-150			
Surrogate: M3HFPO-DA	8.38		"	10.0		83.8	25-150			
Surrogate: d9-N-EtFOSE	15.4		"	25.0		61.6	25-150			
Surrogate: d7-N-MeFOSE	15.2		"	25.0		60.8	25-150			





Sample and Data Qualifiers Relating to This Work Order

PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.





Attachment 10

Groundwater Laboratory Analytical Reports



Wednesday, May 07, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCR82666
Sample ID#s: CR82666 - CR82674, CR82843

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCR82666



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR82666

Labella Associates DPC NEWTON

Methodology Summary

1,4 Dioxane in Water

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8270-MOD (SIM)

EPA method 522 Ver 1 Sept 2008

Massachusetts Compendium of Analytical Procedures (CAM) Method 8270 Appendix IIB

Mercury

Methods for Chemical Analyses of Water and Wastes, EPA, Environmental Monitoring Systems Laboratory Cincinnati (EMSL-CL), EPA-600/4-79-020, method 245.1

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7470A.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

Perfluorinated Alkyl Acids by LC-MS/MS

Determination of Selected Perfluorinated Alkyl Acids in Water by Solid Phase

Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) EPA 1633 Draft 3

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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NY Analytical Services Protocol Format

May 07, 2025

SDG I.D.: GCR82666

Labella Associates DPC NEWTON

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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Laboratory Chronicle

The samples in this delivery group were received at 1.7°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR82666	1,4-dioxane	10/08/24	10/15/24	10/16/24	AW	Y
CR82666	Arsenic	10/08/24	10/14/24	10/15/24	CPP	Y
CR82666	Barium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82666	Cadmium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82666	Chromium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82666	Lead	10/08/24	10/14/24	10/15/24	CPP	Y
CR82666	Mercury	10/08/24	10/10/24	10/10/24	AL1	Y
CR82666	Pesticides	10/08/24	10/09/24	10/10/24	AW	Y
CR82666	PFAS (40) by EPA 1633	10/08/24	10/21/24	10/21/24	AM	Y
CR82666	PFOA/PFOS - Water Extraction	10/08/24	10/18/24	10/18/24	AM	Y
CR82666	Polychlorinated Biphenyls	10/08/24	10/09/24	10/10/24	SC	Y
CR82666	Selenium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82666	Semivolatiles	10/08/24	10/15/24	10/18/24	KCA	Y
CR82666	Silver	10/08/24	10/14/24	10/15/24	CPP	Y
CR82666	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82667	Arsenic	10/08/24	10/14/24	10/15/24	CPP	Y
CR82667	Barium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82667	Cadmium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82667	Chromium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82667	Lead	10/08/24	10/14/24	10/15/24	TH	Y
CR82667	Mercury	10/08/24	10/10/24	10/10/24	AL1	Y
CR82667	Pesticides	10/08/24	10/09/24	10/10/24	AW	Y
CR82667	Polychlorinated Biphenyls	10/08/24	10/09/24	10/10/24	SC	Y
CR82667	Selenium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82667	Semivolatiles	10/08/24	10/15/24	10/18/24	KCA	Y
CR82667	Silver	10/08/24	10/14/24	10/15/24	CPP	Y
CR82667	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82668	Arsenic	10/08/24	10/14/24	10/15/24	CPP	Y
CR82668	Barium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82668	Cadmium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82668	Chromium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82668	Lead	10/08/24	10/14/24	10/15/24	CPP	Y



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CR82668	Mercury	10/08/24	10/10/24	10/10/24	AL1	Y
CR82668	Pesticides	10/08/24	10/09/24	10/10/24	AW	Y
CR82668	Polychlorinated Biphenyls	10/08/24	10/09/24	10/10/24	SC	Y
CR82668	Selenium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82668	Semivolatiles	10/08/24	10/15/24	10/18/24	KCA	Y
CR82668	Silver	10/08/24	10/14/24	10/15/24	CPP	Y
CR82668	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82669	Arsenic	10/08/24	10/14/24	10/15/24	CPP	Y
CR82669	Barium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82669	Cadmium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82669	Chromium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82669	Lead	10/08/24	10/14/24	10/15/24	CPP	Y
CR82669	Mercury	10/08/24	10/10/24	10/10/24	AL1	Y
CR82669	Pesticides	10/08/24	10/09/24	10/10/24	AW	Y
CR82669	Polychlorinated Biphenyls	10/08/24	10/09/24	10/10/24	SC	Y
CR82669	Selenium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82669	Semivolatiles	10/08/24	10/15/24	10/18/24	KCA	Y
CR82669	Silver	10/08/24	10/14/24	10/15/24	CPP	Y
CR82669	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82670	Arsenic	10/08/24	10/14/24	10/15/24	CPP	Y
CR82670	Barium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82670	Cadmium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82670	Chromium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82670	Lead	10/08/24	10/14/24	10/15/24	CPP	Y
CR82670	Mercury	10/08/24	10/10/24	10/10/24	AL1	Y
CR82670	Pesticides	10/08/24	10/09/24	10/10/24	AW	Y
CR82670	Polychlorinated Biphenyls	10/08/24	10/09/24	10/10/24	SC	Y
CR82670	Selenium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82670	Semivolatiles	10/08/24	10/15/24	10/18/24	KCA	Y
CR82670	Silver	10/08/24	10/14/24	10/15/24	CPP	Y
CR82670	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82671	Arsenic	10/08/24	10/14/24	10/15/24	CPP	Y
CR82671	Barium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82671	Cadmium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82671	Chromium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82671	Lead	10/08/24	10/14/24	10/15/24	CPP	Y
CR82671	Mercury	10/08/24	10/10/24	10/10/24	AL1	Y



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SDG I.D.: GCR82666

Labella Associates DPC NEWTON

CR82671	Pesticides	10/08/24	10/09/24	10/10/24	AW	Y
CR82671	Polychlorinated Biphenyls	10/08/24	10/09/24	10/10/24	SC	Y
CR82671	Selenium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82671	Semivolatiles	10/08/24	10/15/24	10/18/24	KCA	Y
CR82671	Silver	10/08/24	10/14/24	10/15/24	CPP	Y
CR82671	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82672	1,4-dioxane	10/08/24	10/15/24	10/16/24	AW	Y
CR82672	Arsenic	10/08/24	10/14/24	10/15/24	CPP	Y
CR82672	Barium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82672	Cadmium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82672	Chromium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82672	Lead	10/08/24	10/14/24	10/15/24	CPP	Y
CR82672	Mercury	10/08/24	10/10/24	10/10/24	AL1	Y
CR82672	Pesticides	10/08/24	10/11/24	10/10/24	AW	Y
CR82672	PFAS (40) by EPA 1633	10/08/24	10/21/24	10/21/24	AM	Y
CR82672	PFOA/PFOS - Water Extraction	10/08/24	10/18/24	10/18/24	AM	Y
CR82672	Polychlorinated Biphenyls	10/08/24	10/11/24	10/12/24	SC	Y
CR82672	Selenium	10/08/24	10/14/24	10/15/24	CPP	Y
CR82672	Semivolatiles	10/08/24	10/15/24	10/18/24	KCA	Y
CR82672	Silver	10/08/24	10/14/24	10/15/24	CPP	Y
CR82672	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82673	Client MS/MSD	10/08/24	10/12/24	10/12/24		Y
CR82673	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82674	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y
CR82843	Volatiles	10/08/24	10/12/24	10/12/24	MH	Y



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SDG Comments

May 07, 2025

SDG I.D.: GCR82666

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Version 3: This report has been revised to include added analysis per client request.



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Sample Id Cross Reference

May 07, 2025

SDG I.D.: GCR82666

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
MW-1	CR82666	GROUND WATER	10/08/24 10:45
MW-2	CR82667	GROUND WATER	10/08/24 10:42
MW-3	CR82668	GROUND WATER	10/08/24 13:48
MW-4	CR82669	GROUND WATER	10/08/24 11:58
MW-5	CR82670	GROUND WATER	10/08/24 12:25
MW-6	CR82671	GROUND WATER	10/08/24 15:00
MW-14	CR82672	GROUND WATER	10/08/24 14:55
MS/MSD	CR82673	GROUND WATER	10/08/24 10:45
DUPE	CR82674	GROUND WATER	10/08/24 12:25
TRIP BLANK	CR82843	GROUND WATER	10/08/24 0:00



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Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/08/24
10/09/24

Time

10:45
17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82666

Project ID: NEWTON
Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.002	mg/L	1	10/15/24	CPP	SW6010D
Arsenic - LDL	0.001	0.004	0.001	mg/L	1	10/15/24	CPP	SW6010D
Barium	0.197	0.010	0.001	mg/L	1	10/15/24	CPP	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/15/24	CPP	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Mercury	ND	0.0002	0.0002	mg/L	1	10/10/24	AL1	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/15/24	CPP	SW6010D
Mercury Digestion	Completed					10/10/24	3W/AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/15/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/14/24	AG	SW3010A
PFAS (40) by EPA 1633	Completed					10/18/24	AM	EPA 1633 Draft 3

PFAS (40) by EPA 1633

11CI-PF3OUdS	ND	7.38	1.35	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.50	2.00	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.32	1.75	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.42	1.04	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
3:3FTCA	ND	4.88	1.98	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
5:3FTCA	ND	24.4	7.16	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
7:3FTCA	ND	24.4	9.25	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
9CI-PF3ONS	ND	7.30	0.684	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
ADONA	ND	7.38	0.518	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
HFPO-DA	ND	7.81	3.15	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NEtFOSA	ND	1.95	1.76	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
NEtFOSAA	ND	1.95	1.01	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NEtFOSE	ND	19.5	3.90	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NFDHA	ND	3.91	2.09	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NMeFOSA	ND	1.95	1.54	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NMeFOSAA	ND	1.95	0.771	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NMeFOSE	ND	19.5	3.90	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.88	1.29	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.87	0.889	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.95	0.859	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorobutanesulfonic acid (PFBS)	5.81	1.73	0.459	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorodecanoic acid (PFDA)	ND	1.95	0.732	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.89	0.908	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorododecanoic acid (PFDoA)	ND	1.95	0.859	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoroheptanoic acid (PFHpA)	1.25	J 1.95	0.693	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorohexanesulfonic Acid (PFHxS)	2.97	1.79	0.664	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorohexanoic acid (PFHxA)	1.94	J 1.95	0.342	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-n-butanoic acid (PFBA)	4.75	J 7.81	0.322	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.88	0.840	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorononanoic acid (PFNA)	ND	1.95	0.508	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorooctanesulfonic Acid (PFOS)	3.07	1.82	0.801	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorooctanoic acid (PFOA)	2.90	1.95	0.410	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.84	0.742	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoropentanoic acid (PFPeA)	2.60	J 3.91	0.225	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorotetradecanoic acid (PFTA)	ND	1.95	0.674	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.95	0.723	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoroundecanoic acid (PFUnA)	ND	1.95	1.10	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
PFEESA	ND	3.48	0.488	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
PFMBA	ND	3.91	0.361	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
PFMPA	ND	3.91	0.244	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
<u>QA/QC Surrogates</u>									
% d3-N-MeFOSAA	83.2			%	1	10/21/24	AM	25 - 150 %	C
% d5-N-EtFOSAA	90.4			%	1	10/21/24	AM	25 - 150 %	C
% d7-N-MeFOSE	81.7			%	1	10/21/24	AM	25 - 150 %	C
% d9-N-EtFOSE	65.9			%	1	10/21/24	AM	25 - 150 %	C
% d-N-EtFOSA	22.3			%	1	10/21/24	AM	25 - 150 %	C,3
% d-N-MeFOSA	28.0			%	1	10/21/24	AM	25 - 150 %	C
% M2-4:2 FTS	123			%	1	10/21/24	AM	25 - 150 %	C
% M2-6:2 FTS	48.2			%	1	10/21/24	AM	25 - 200 %	C
% M2-8:2 FTS	49.8			%	1	10/21/24	AM	25 - 200 %	C
% M2PFTEDA	60.7			%	1	10/21/24	AM	10 - 150 %	C
% M3HFPO-DA	41.2			%	1	10/21/24	AM	25 - 150 %	C
% M3PFBS	114			%	1	10/21/24	AM	25 - 150 %	C
% M3PFHxS	117			%	1	10/21/24	AM	25 - 150 %	C
% M4PFHpA	116			%	1	10/21/24	AM	25 - 150 %	C
% M5PFHxA	123			%	1	10/21/24	AM	25 - 150 %	C
% M5PFPEA	119			%	1	10/21/24	AM	25 - 150 %	C
% M6PFDA	110			%	1	10/21/24	AM	25 - 150 %	C
% M7PFUDA	90.1			%	1	10/21/24	AM	25 - 150 %	C
% M8FOSA	83.5			%	1	10/21/24	AM	10 - 150 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	122			%	1	10/21/24	AM	25 - 150 %	C
% M8PFOS	117			%	1	10/21/24	AM	25 - 150 %	C
% M9PFNA	110			%	1	10/21/24	AM	25 - 150 %	C
% MPFBA	46.8			%	1	10/21/24	AM	25 - 150 %	C
% MPFDOA	74.6			%	1	10/21/24	AM	25 - 150 %	C

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
a-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B	1
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B	
b-BHC	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B	
Chlordane	ND	0.047	0.047	ug/L	1	10/10/24	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B	
Endosulfan I	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endosulfan II	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endosulfan Sulfate	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endrin	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endrin Aldehyde	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endrin ketone	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
g-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Heptachlor	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Methoxychlor	ND	0.094	0.094	ug/L	1	10/10/24	AW	SW8081B	
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B	

QA/QC Surrogates

%DCBP (Surrogate Rec)	59			%	1	10/10/24	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	60			%	1	10/10/24	AW	30 - 150 %	
%TCMX (Surrogate Rec)	59			%	1	10/10/24	AW	30 - 150 %	
%TCMX (Surrogate Rec) (Confirmation)	69			%	1	10/10/24	AW	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1221	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1232	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1242	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1248	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1254	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1260	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1262	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	
PCB-1268	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A	

QA/QC Surrogates

% DCBP	48			%	1	10/10/24	SC	30 - 150 %	
% DCBP (Confirmation)	53			%	1	10/10/24	SC	30 - 150 %	
% TCMX	55			%	1	10/10/24	SC	30 - 150 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% TCMX (Confirmation)	58			%	1	10/10/24	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	93			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	91			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	93			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	
<u>1,4-dioxane</u>								
1,4-dioxane	ND	0.20	0.20	ug/l	1	10/16/24	AW	SW8270ESIM
<u>QA/QC Surrogates</u>								
% 1,4-dioxane-d8	83			%	1	10/16/24	AW	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.6	3.6	ug/L	1	10/18/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	5.2	1.6	ug/L	1	10/18/24	MR	SW8270E
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	5.2	1.7	ug/L	1	10/18/24	MR	SW8270E
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	5.2	1.4	ug/L	1	10/18/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	5.2	2.0	ug/L	1	10/18/24	MR	SW8270E
2,6-Dinitrotoluene	ND	5.2	1.6	ug/L	1	10/18/24	MR	SW8270E
2-Chloronaphthalene	ND	5.2	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Chlorophenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
2-Methylnaphthalene	ND	5.2	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
2-Nitroaniline	ND	5.2	2.1	ug/L	1	10/18/24	MR	SW8270E
2-Nitrophenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	5.2	2.5	ug/L	1	10/18/24	MR	SW8270E
3-Nitroaniline	ND	5.2	2.1	ug/L	1	10/18/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	5.2	1.5	ug/L	1	10/18/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
4-Chloroaniline	ND	3.6	2.4	ug/L	1	10/18/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	5.2	1.7	ug/L	1	10/18/24	MR	SW8270E
4-Nitroaniline	ND	5.2	1.7	ug/L	1	10/18/24	MR	SW8270E
4-Nitrophenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
Acenaphthene	ND	5.2	1.6	ug/L	1	10/18/24	MR	SW8270E
Acetophenone	ND	5.2	1.6	ug/L	1	10/18/24	MR	SW8270E
Aniline	ND	3.6	3.6	ug/L	1	10/18/24	MR	SW8270E
Anthracene	ND	5.2	1.7	ug/L	1	10/18/24	MR	SW8270E
Benidine	ND	4.7	3.1	ug/L	1	10/18/24	MR	SW8270E
Benzoic acid	ND	26	10	ug/L	1	10/18/24	MR	SW8270E
Benzyl butyl phthalate	ND	5.2	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	5.2	1.4	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
Carbazole	ND	5.2	3.9	ug/L	1	10/18/24	MR	SW8270E
Dibenzofuran	ND	5.2	1.5	ug/L	1	10/18/24	MR	SW8270E
Diethyl phthalate	ND	5.2	1.6	ug/L	1	10/18/24	MR	SW8270E
Dimethylphthalate	ND	5.2	1.6	ug/L	1	10/18/24	MR	SW8270E
Di-n-butylphthalate	ND	5.2	1.4	ug/L	1	10/18/24	MR	SW8270E
Di-n-octylphthalate	ND	5.2	1.3	ug/L	1	10/18/24	MR	SW8270E
Fluoranthene	ND	5.2	1.7	ug/L	1	10/18/24	MR	SW8270E
Fluorene	ND	5.2	1.7	ug/L	1	10/18/24	MR	SW8270E
Hexachloroethane	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
Isophorone	ND	5.2	1.5	ug/L	1	10/18/24	MR	SW8270E
Naphthalene	ND	5.2	1.5	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	5.2	1.7	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	5.2	2.0	ug/L	1	10/18/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.6	2.6	ug/L	1	10/18/24	MR	SW8270E
Phenol	ND	1.0	1.0	ug/L	1	10/18/24	MR	SW8270E
Pyrene	ND	5.2	1.8	ug/L	1	10/18/24	MR	SW8270E
Pyridine	ND	10	1.3	ug/L	1	10/18/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	64			%	1	10/18/24	MR	15 - 110 %
% 2-Fluorobiphenyl	54			%	1	10/18/24	MR	30 - 130 %
% 2-Fluorophenol	45			%	1	10/18/24	MR	15 - 110 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5	54			%	1	10/18/24	MR	30 - 130 %
% Phenol-d5	50			%	1	10/18/24	MR	15 - 110 %
% Terphenyl-d14	58			%	1	10/18/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.52	0.52	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.52	0.52	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.52	0.52	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.52	0.52	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.52	0.52	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.42	0.42	ug/L	1	10/18/24	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.52	0.52	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Phenanthrene	ND	0.52	0.52	ug/L	1	10/18/24	KCA	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	62			%	1	10/18/24	KCA	15 - 110 %
% 2-Fluorobiphenyl	55			%	1	10/18/24	KCA	30 - 130 %
% 2-Fluorophenol	48			%	1	10/18/24	KCA	15 - 110 %
% Nitrobenzene-d5	53			%	1	10/18/24	KCA	30 - 130 %
% Phenol-d5	51			%	1	10/18/24	KCA	15 - 110 %
% Terphenyl-d14	58			%	1	10/18/24	KCA	30 - 130 %
Extraction for 1,4-Dioxane	Completed					10/15/24	G/G	SW8270ESIM

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

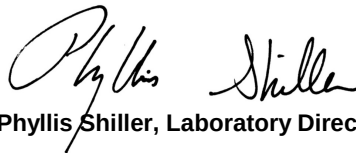
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

PFAS (40) by EPA 1633 (EPA 1633 Draft 3), PFOA/PFOS - Water Extraction (EPA 1633 Draft 3) were analyzed by NY certified lab #12058.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date	Time
10/08/24	10:42
10/09/24	17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82667

Project ID: NEWTON
Client ID: MW-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	J 0.005	0.002	mg/L	1	10/15/24	CPP	SW6010D
Arsenic - LDL	0.002	J 0.004	0.001	mg/L	1	10/15/24	CPP	SW6010D
Barium	0.615	0.010	0.001	mg/L	1	10/15/24	CPP	SW6010D
Cadmium	0.001	J 0.004	0.0005	mg/L	1	10/15/24	CPP	SW6010D
Chromium	0.001	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Mercury	ND	0.0002	0.0002	mg/L	1	10/10/24	AL1	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/15/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/15/24	CPP	SW6010D
Mercury Digestion	Completed					10/10/24	3W/AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/15/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/14/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.047	0.047	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.094	0.094	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	62			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	66			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	65			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	108			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	52			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	57			%	1	10/10/24	SC	30 - 150 %
% TCMX	68			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	67			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	92			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	94			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	10/18/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Chloronaphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Chlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2-Nitrophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.3	ug/L	1	10/18/24	MR	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
4-Chloroaniline	ND	3.4	2.2	ug/L	1	10/18/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitrophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Acenaphthene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Acetophenone	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	10/18/24	MR	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Benzidine	ND	4.3	2.8	ug/L	1	10/18/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.6	ug/L	1	10/18/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	10/18/24	MR	SW8270E
Dibenzofuran	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
Diethyl phthalate	1.8	J 4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Fluoranthene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Hexachloroethane	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Isophorone	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	10/18/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/18/24	MR	SW8270E
Phenol	2.3	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Pyrene	ND	4.8	1.7	ug/L	1	10/18/24	MR	SW8270E
Pyridine	ND	9.6	1.2	ug/L	1	10/18/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	64			%	1	10/18/24	MR	15 - 110 %
% 2-Fluorobiphenyl	54			%	1	10/18/24	MR	30 - 130 %
% 2-Fluorophenol	50			%	1	10/18/24	MR	15 - 110 %
% Nitrobenzene-d5	54			%	1	10/18/24	MR	30 - 130 %
% Phenol-d5	53			%	1	10/18/24	MR	15 - 110 %
% Terphenyl-d14	56			%	1	10/18/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/18/24	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	66			%	1	10/18/24	KCA	15 - 110 %
% 2-Fluorobiphenyl	55			%	1	10/18/24	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	52			%	1	10/18/24	KCA	15 - 110 %
% Nitrobenzene-d5	59			%	1	10/18/24	KCA	30 - 130 %
% Phenol-d5	54			%	1	10/18/24	KCA	15 - 110 %
% Terphenyl-d14	57			%	1	10/18/24	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/08/24 13:48
10/09/24 17:14

Time

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82668

Project ID: NEWTON
Client ID: MW-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.002	mg/L	1	10/15/24	CPP	SW6010D
Arsenic - LDL	0.006	0.004	0.001	mg/L	1	10/15/24	CPP	SW6010D
Barium	0.605	0.010	0.001	mg/L	1	10/15/24	CPP	SW6010D
Cadmium	0.001	0.004	0.0005	mg/L	1	10/15/24	CPP	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Mercury	ND	0.002	0.002	mg/L	1	10/10/24	AL1	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/15/24	CPP	SW6010D
Mercury Digestion	Completed					10/10/24	3W/AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/15/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/14/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	0.11	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	0.38	0.047	0.047	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	0.057	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	0.037	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.094	0.094	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	64			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	63			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	48			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	59			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	55			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	60			%	1	10/10/24	SC	30 - 150 %
% TCMX	57			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	59			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	93			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	93			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.3	3.3	ug/L	1	10/18/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.7	1.4	ug/L	1	10/18/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.7	1.3	ug/L	1	10/18/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.7	1.9	ug/L	1	10/18/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Chloronaphthalene	ND	4.7	1.3	ug/L	1	10/18/24	MR	SW8270E
2-Chlorophenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2-Methylnaphthalene	ND	4.7	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
2-Nitroaniline	ND	4.7	1.9	ug/L	1	10/18/24	MR	SW8270E
2-Nitrophenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.7	2.2	ug/L	1	10/18/24	MR	SW8270E
3-Nitroaniline	ND	4.7	1.9	ug/L	1	10/18/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.7	1.4	ug/L	1	10/18/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
4-Chloroaniline	ND	3.3	2.2	ug/L	1	10/18/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.7	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitroaniline	ND	4.7	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitrophenol	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
Acenaphthene	ND	4.7	1.4	ug/L	1	10/18/24	MR	SW8270E
Acetophenone	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
Aniline	ND	3.3	3.3	ug/L	1	10/18/24	MR	SW8270E
Anthracene	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
Benzidine	ND	4.2	2.8	ug/L	1	10/18/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.4	ug/L	1	10/18/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.7	1.2	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.7	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
Carbazole	ND	4.7	3.6	ug/L	1	10/18/24	MR	SW8270E
Dibenzofuran	ND	4.7	1.4	ug/L	1	10/18/24	MR	SW8270E
Diethyl phthalate	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
Dimethylphthalate	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
Di-n-butylphthalate	ND	4.7	1.3	ug/L	1	10/18/24	MR	SW8270E
Di-n-octylphthalate	ND	4.7	1.2	ug/L	1	10/18/24	MR	SW8270E
Fluoranthene	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
Fluorene	ND	4.7	1.6	ug/L	1	10/18/24	MR	SW8270E
Hexachloroethane	ND	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
Isophorone	ND	4.7	1.3	ug/L	1	10/18/24	MR	SW8270E
Naphthalene	ND	4.7	1.4	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.7	1.5	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.7	1.8	ug/L	1	10/18/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/18/24	MR	SW8270E
Phenol	3.0	0.94	0.94	ug/L	1	10/18/24	MR	SW8270E
Pyrene	ND	4.7	1.6	ug/L	1	10/18/24	MR	SW8270E
Pyridine	ND	9.4	1.2	ug/L	1	10/18/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	86			%	1	10/18/24	MR	15 - 110 %
% 2-Fluorobiphenyl	70			%	1	10/18/24	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	10/18/24	MR	15 - 110 %
% Nitrobenzene-d5	70			%	1	10/18/24	MR	30 - 130 %
% Phenol-d5	70			%	1	10/18/24	MR	15 - 110 %
% Terphenyl-d14	74			%	1	10/18/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.47	0.47	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	0.47	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	0.47	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	0.47	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	0.47	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/18/24	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.09	0.09	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.47	0.47	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Phenanthrene	ND	0.47	0.47	ug/L	1	10/18/24	KCA	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	90			%	1	10/18/24	KCA	15 - 110 %
% 2-Fluorobiphenyl	70			%	1	10/18/24	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	63			%	1	10/18/24	KCA	15 - 110 %
% Nitrobenzene-d5	80			%	1	10/18/24	KCA	30 - 130 %
% Phenol-d5	64			%	1	10/18/24	KCA	15 - 110 %
% Terphenyl-d14	70			%	1	10/18/24	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time
10/08/24 11:58
10/09/24 17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82669

Project ID: NEWTON
Client ID: MW-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.002	mg/L	1	10/15/24	CPP	SW6010D
Arsenic - LDL	0.004	0.004	0.001	mg/L	1	10/15/24	CPP	SW6010D
Barium	0.162	0.010	0.001	mg/L	1	10/15/24	CPP	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/15/24	CPP	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Mercury	ND	0.002	0.002	mg/L	1	10/10/24	AL1	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/15/24	CPP	SW6010D
Mercury Digestion	Completed					10/10/24	3W/AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/15/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/14/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.048	0.048	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.095	0.095	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	66			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	67			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	49			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	74			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	54			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	60			%	1	10/10/24	SC	30 - 150 %
% TCMX	54			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	55			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	96			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	94			%	1	10/12/24	MH	70 - 130 %

Volatile Library Search Completed 05/06/25 MH

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	10/18/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.9	1.5	ug/L	1	10/18/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.9	1.6	ug/L	1	10/18/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.9	1.3	ug/L	1	10/18/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.9	1.9	ug/L	1	10/18/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.9	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Chloronaphthalene	ND	4.9	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Chlorophenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2-Methylnaphthalene	ND	4.9	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
2-Nitroaniline	ND	4.9	1.9	ug/L	1	10/18/24	MR	SW8270E
2-Nitrophenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.9	2.3	ug/L	1	10/18/24	MR	SW8270E
3-Nitroaniline	ND	4.9	1.9	ug/L	1	10/18/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.9	1.4	ug/L	1	10/18/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
4-Chloroaniline	ND	3.4	2.3	ug/L	1	10/18/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.9	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitroaniline	ND	4.9	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitrophenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
Acenaphthene	ND	4.9	1.5	ug/L	1	10/18/24	MR	SW8270E
Acetophenone	ND	4.9	1.5	ug/L	1	10/18/24	MR	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	10/18/24	MR	SW8270E
Anthracene	ND	4.9	1.6	ug/L	1	10/18/24	MR	SW8270E
Benzidine	ND	4.4	2.9	ug/L	1	10/18/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.7	ug/L	1	10/18/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.9	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.9	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
Carbazole	ND	4.9	3.7	ug/L	1	10/18/24	MR	SW8270E
Dibenzofuran	ND	4.9	1.4	ug/L	1	10/18/24	MR	SW8270E
Diethyl phthalate	ND	4.9	1.5	ug/L	1	10/18/24	MR	SW8270E
Dimethylphthalate	ND	4.9	1.5	ug/L	1	10/18/24	MR	SW8270E
Di-n-butylphthalate	ND	4.9	1.3	ug/L	1	10/18/24	MR	SW8270E
Di-n-octylphthalate	ND	4.9	1.3	ug/L	1	10/18/24	MR	SW8270E
Fluoranthene	ND	4.9	1.6	ug/L	1	10/18/24	MR	SW8270E
Fluorene	ND	4.9	1.6	ug/L	1	10/18/24	MR	SW8270E
Hexachloroethane	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
Isophorone	ND	4.9	1.4	ug/L	1	10/18/24	MR	SW8270E
Naphthalene	ND	4.9	1.4	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.9	1.6	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.9	1.9	ug/L	1	10/18/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/18/24	MR	SW8270E
Phenol	ND	0.97	0.97	ug/L	1	10/18/24	MR	SW8270E
Pyrene	ND	4.9	1.7	ug/L	1	10/18/24	MR	SW8270E
Pyridine	ND	9.7	1.2	ug/L	1	10/18/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	62			%	1	10/18/24	MR	15 - 110 %
% 2-Fluorobiphenyl	53			%	1	10/18/24	MR	30 - 130 %
% 2-Fluorophenol	47			%	1	10/18/24	MR	15 - 110 %
% Nitrobenzene-d5	56			%	1	10/18/24	MR	30 - 130 %
% Phenol-d5	54			%	1	10/18/24	MR	15 - 110 %
% Terphenyl-d14	57			%	1	10/18/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.49	0.49	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.49	0.49	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.49	0.49	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.49	0.49	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.49	0.49	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.39	0.39	ug/L	1	10/18/24	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.49	0.49	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Phenanthrene	ND	0.49	0.49	ug/L	1	10/18/24	KCA	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	67			%	1	10/18/24	KCA	15 - 110 %
% 2-Fluorobiphenyl	55			%	1	10/18/24	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	50			%	1	10/18/24	KCA	15 - 110 %
% Nitrobenzene-d5	64			%	1	10/18/24	KCA	30 - 130 %
% Phenol-d5	54			%	1	10/18/24	KCA	15 - 110 %
% Terphenyl-d14	57			%	1	10/18/24	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date	Time
10/08/24	12:25
10/09/24	17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82670

Project ID: NEWTON
Client ID: MW-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.002	mg/L	1	10/15/24	CPP	SW6010D
Arsenic - LDL	ND	0.004	0.001	mg/L	1	10/15/24	CPP	SW6010D
Barium	0.082	0.010	0.001	mg/L	1	10/15/24	CPP	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/15/24	CPP	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Mercury	ND	0.0002	0.0002	mg/L	1	10/10/24	AL1	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/15/24	CPP	SW6010D
Mercury Digestion	Completed					10/10/24	3W/AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/15/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/14/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.047	0.047	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.094	0.094	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	40			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	41			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	41			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	61			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	31			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	35			%	1	10/10/24	SC	30 - 150 %
% TCMX	43			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	42			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	93			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	93			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.3	3.3	ug/L	1	10/18/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Chloronaphthalene	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
2-Chlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2-Nitrophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.2	ug/L	1	10/18/24	MR	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
4-Chloroaniline	ND	3.3	2.2	ug/L	1	10/18/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitrophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Acenaphthene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
Acetophenone	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Aniline	ND	3.3	3.3	ug/L	1	10/18/24	MR	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Benzidine	ND	4.3	2.8	ug/L	1	10/18/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.5	ug/L	1	10/18/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	10/18/24	MR	SW8270E
Dibenzofuran	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
Diethyl phthalate	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Fluoranthene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Hexachloroethane	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Isophorone	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	10/18/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/18/24	MR	SW8270E
Phenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Pyrene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Pyridine	ND	9.5	1.2	ug/L	1	10/18/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	74			%	1	10/18/24	MR	15 - 110 %
% 2-Fluorobiphenyl	61			%	1	10/18/24	MR	30 - 130 %
% 2-Fluorophenol	57			%	1	10/18/24	MR	15 - 110 %
% Nitrobenzene-d5	66			%	1	10/18/24	MR	30 - 130 %
% Phenol-d5	60			%	1	10/18/24	MR	15 - 110 %
% Terphenyl-d14	64			%	1	10/18/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Chrysene	0.02	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/18/24	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	78			%	1	10/18/24	KCA	15 - 110 %
% 2-Fluorobiphenyl	65			%	1	10/18/24	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	60			%	1	10/18/24	KCA	15 - 110 %
% Nitrobenzene-d5	74			%	1	10/18/24	KCA	30 - 130 %
% Phenol-d5	64			%	1	10/18/24	KCA	15 - 110 %
% Terphenyl-d14	63			%	1	10/18/24	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
10/08/24	15:00
10/09/24	17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82671

Project ID: NEWTON
Client ID: MW-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.002	mg/L	1	10/15/24	CPP	SW6010D
Arsenic - LDL	ND	0.004	0.001	mg/L	1	10/15/24	CPP	SW6010D
Barium	0.153	0.010	0.001	mg/L	1	10/15/24	CPP	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/15/24	CPP	SW6010D
Chromium	0.001	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Mercury	ND	0.002	0.002	mg/L	1	10/10/24	AL1	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/15/24	CPP	SW6010D
Mercury Digestion	Completed					10/10/24	3W/AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/15/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/14/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.048	0.048	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.095	0.095	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	47			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	50			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	52			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	62			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.048	0.048	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	38			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	44			%	1	10/10/24	SC	30 - 150 %
% TCMX	50			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	53			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	94			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	97			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	93			%	1	10/12/24	MH	70 - 130 %

Volatile Library Search Completed 05/06/25 MH

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	10/18/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Chloronaphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Chlorophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
2-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2-Nitrophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.3	ug/L	1	10/18/24	MR	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
4-Chloroaniline	ND	3.4	2.2	ug/L	1	10/18/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitrophenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Acenaphthene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Acetophenone	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	10/18/24	MR	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Benzidine	ND	4.3	2.8	ug/L	1	10/18/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.6	ug/L	1	10/18/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	10/18/24	MR	SW8270E
Dibenzofuran	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
Diethyl phthalate	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Fluoranthene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Hexachloroethane	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Isophorone	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	10/18/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/18/24	MR	SW8270E
Phenol	ND	0.96	0.96	ug/L	1	10/18/24	MR	SW8270E
Pyrene	ND	4.8	1.7	ug/L	1	10/18/24	MR	SW8270E
Pyridine	ND	9.6	1.2	ug/L	1	10/18/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	84			%	1	10/18/24	MR	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	10/18/24	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	10/18/24	MR	15 - 110 %
% Nitrobenzene-d5	69			%	1	10/18/24	MR	30 - 130 %
% Phenol-d5	68			%	1	10/18/24	MR	15 - 110 %
% Terphenyl-d14	73			%	1	10/18/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/18/24	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	89			%	1	10/18/24	KCA	15 - 110 %
% 2-Fluorobiphenyl	71			%	1	10/18/24	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	66			%	1	10/18/24	KCA	15 - 110 %
% Nitrobenzene-d5	81			%	1	10/18/24	KCA	30 - 130 %
% Phenol-d5	68			%	1	10/18/24	KCA	15 - 110 %
% Terphenyl-d14	74			%	1	10/18/24	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/08/24
10/09/24

Time

14:55
17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82672

Project ID: NEWTON
Client ID: MW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.002	mg/L	1	10/15/24	CPP	SW6010D
Arsenic - LDL	0.002	0.004	0.001	mg/L	1	10/15/24	CPP	SW6010D
Barium	0.033	0.010	0.001	mg/L	1	10/15/24	CPP	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/15/24	CPP	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Mercury	ND	0.0002	0.0002	mg/L	1	10/10/24	AL1	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/15/24	CPP	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/15/24	CPP	SW6010D
Mercury Digestion	Completed					10/10/24	3W/AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/11/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/11/24		SW3510C
Semi-Volatile Extraction	Completed					10/15/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/14/24	AG	SW3010A
PFAS (40) by EPA 1633	Completed					10/18/24	AM	EPA 1633 Draft 3

PFAS (40) by EPA 1633

11CI-PF3OUdS	ND	7.34	1.34	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.46	1.99	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.28	1.74	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.38	1.03	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
3:3FTCA	ND	4.85	1.97	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
5:3FTCA	ND	24.3	7.12	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
7:3FTCA	ND	24.3	9.19	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
9CI-PF3ONS	ND	7.26	0.680	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
ADONA	ND	7.34	0.515	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
HFPO-DA	ND	7.77	3.14	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NEtFOSA	ND	1.94	1.75	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
NEtFOSAA	ND	1.94	1.00	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NEtFOSE	ND	19.4	3.87	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NFDHA	ND	3.88	2.08	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NMeFOSA	ND	1.94	1.53	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NMeFOSAA	ND	1.94	0.767	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
NMeFOSE	ND	19.4	3.87	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.87	1.28	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.85	0.883	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.94	0.854	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorobutanesulfonic acid (PFBS)	1.51	J 1.72	0.456	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorodecanoic acid (PFDA)	ND	1.94	0.728	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.88	0.903	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorododecanoic acid (PFDoA)	ND	1.94	0.854	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoroheptanoic acid (PFHpA)	23.2	1.94	0.689	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorohexanesulfonic Acid (PFHxS)	1.39	J 1.78	0.660	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorohexanoic acid (PFHxA)	24.5	1.94	0.340	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoro-n-butanoic acid (PFBA)	7.24	J 7.77	0.320	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.86	0.835	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorononanoic acid (PFNA)	5.98	1.94	0.505	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorooctanesulfonic Acid (PFOS)	0.870	J 1.81	0.796	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorooctanoic acid (PFOA)	147	1.94	0.408	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.83	0.738	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoropentanoic acid (PFPeA)	15.5	3.88	0.223	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorotetradecanoic acid (PFTA)	ND	1.94	0.670	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.94	0.718	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
Perfluoroundecanoic acid (PFUnA)	ND	1.94	1.10	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
PFEESA	ND	3.46	0.485	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
PFMBA	ND	3.88	0.359	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
PFMPA	ND	3.88	0.243	ng/L	1	10/21/24	AM	EPA 1633 Draft 3	C
<u>QA/QC Surrogates</u>									
% d3-N-MeFOSAA	70.7			%	1	10/21/24	AM	25 - 150 %	C
% d5-N-EtFOSAA	74.4			%	1	10/21/24	AM	25 - 150 %	C
% d7-N-MeFOSE	47.6			%	1	10/21/24	AM	25 - 150 %	C
% d9-N-EtFOSE	31.3			%	1	10/21/24	AM	25 - 150 %	C
% d-N-EtFOSA	11.5			%	1	10/21/24	AM	25 - 150 %	C,3
% d-N-MeFOSA	15.8			%	1	10/21/24	AM	25 - 150 %	C,3
% M2-4:2 FTS	76.5			%	1	10/21/24	AM	25 - 150 %	C
% M2-6:2 FTS	46.7			%	1	10/21/24	AM	25 - 200 %	C
% M2-8:2 FTS	54.1			%	1	10/21/24	AM	25 - 200 %	C
% M2PFTEDA	18.9			%	1	10/21/24	AM	10 - 150 %	C
% M3HFPO-DA	48.7			%	1	10/21/24	AM	25 - 150 %	C
% M3PFBS	128			%	1	10/21/24	AM	25 - 150 %	C
% M3PFHxS	126			%	1	10/21/24	AM	25 - 150 %	C
% M4PFHpA	123			%	1	10/21/24	AM	25 - 150 %	C
% M5PFHxA	129			%	1	10/21/24	AM	25 - 150 %	C
% M5PFPEA	121			%	1	10/21/24	AM	25 - 150 %	C
% M6PFDA	105			%	1	10/21/24	AM	25 - 150 %	C
% M7PFUDA	68.3			%	1	10/21/24	AM	25 - 150 %	C
% M8FOSA	78.1			%	1	10/21/24	AM	10 - 150 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	134			%	1	10/21/24	AM	25 - 150 %	C
% M8PFOS	98.5			%	1	10/21/24	AM	25 - 150 %	C
% M9PFNA	111			%	1	10/21/24	AM	25 - 150 %	C
% MPFBA	34.0			%	1	10/21/24	AM	25 - 150 %	C
% MPFDOA	46.4			%	1	10/21/24	AM	25 - 150 %	C

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
a-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B	1
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
Chlordane	ND	0.047	0.047	ug/L	1	10/10/24	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B	
Endosulfan I	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endosulfan II	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endosulfan Sulfate	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endrin	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endrin Aldehyde	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Endrin ketone	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B	
g-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Heptachlor	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B	
Methoxychlor	ND	0.094	0.094	ug/L	1	10/10/24	AW	SW8081B	
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B	

QA/QC Surrogates

%DCBP (Surrogate Rec)	38			%	1	10/10/24	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	42			%	1	10/10/24	AW	30 - 150 %	
%TCMX (Surrogate Rec)	48			%	1	10/10/24	AW	30 - 150 %	
%TCMX (Surrogate Rec) (Confirmation)	54			%	1	10/10/24	AW	30 - 150 %	

Polychlorinated Biphenyls

PCB-1016	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1221	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1232	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1242	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1248	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1254	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1260	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1262	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	
PCB-1268	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A	

QA/QC Surrogates

% DCBP	24			%	1	10/12/24	SC	30 - 150 %	3
% DCBP (Confirmation)	27			%	1	10/12/24	SC	30 - 150 %	3
% TCMX	12			%	1	10/12/24	SC	30 - 150 %	3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% TCMX (Confirmation)	13			%	1	10/12/24	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	93			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	93			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	
<u>1,4-dioxane</u>								
1,4-dioxane	ND	0.20	0.20	ug/l	1	10/16/24	AW	SW8270ESIM
<u>QA/QC Surrogates</u>								
% 1,4-dioxane-d8	80			%	1	10/16/24	AW	70 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.3	3.3	ug/L	1	10/18/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
2-Chloronaphthalene	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
2-Chlorophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
2-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
2-Nitrophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.2	ug/L	1	10/18/24	MR	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	10/18/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
4-Chloroaniline	ND	3.3	2.2	ug/L	1	10/18/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
4-Nitrophenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Acenaphthene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
Acetophenone	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Aniline	ND	3.3	3.3	ug/L	1	10/18/24	MR	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Benidine	ND	4.3	2.8	ug/L	1	10/18/24	MR	SW8270E
Benzoic acid	ND	24	9.5	ug/L	1	10/18/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	10/18/24	MR	SW8270E
Dibenzofuran	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
Diethyl phthalate	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	10/18/24	MR	SW8270E
Fluoranthene	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Hexachloroethane	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Isophorone	ND	4.8	1.3	ug/L	1	10/18/24	MR	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.8	1.5	ug/L	1	10/18/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	10/18/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/18/24	MR	SW8270E
Phenol	ND	0.95	0.95	ug/L	1	10/18/24	MR	SW8270E
Pyrene	ND	4.8	1.6	ug/L	1	10/18/24	MR	SW8270E
Pyridine	ND	9.5	1.2	ug/L	1	10/18/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	70			%	1	10/18/24	MR	15 - 110 %
% 2-Fluorobiphenyl	58			%	1	10/18/24	MR	30 - 130 %
% 2-Fluorophenol	55			%	1	10/18/24	MR	15 - 110 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5	62			%	1	10/18/24	MR	30 - 130 %
% Phenol-d5	57			%	1	10/18/24	MR	15 - 110 %
% Terphenyl-d14	61			%	1	10/18/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(b)fluoranthene	0.02	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Chrysene	0.02	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/18/24	KCA	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Pentachlorophenol	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	10/18/24	KCA	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	75			%	1	10/18/24	KCA	15 - 110 %
% 2-Fluorobiphenyl	60			%	1	10/18/24	KCA	30 - 130 %
% 2-Fluorophenol	56			%	1	10/18/24	KCA	15 - 110 %
% Nitrobenzene-d5	74			%	1	10/18/24	KCA	30 - 130 %
% Phenol-d5	59			%	1	10/18/24	KCA	15 - 110 %
% Terphenyl-d14	63			%	1	10/18/24	KCA	30 - 130 %
Extraction for 1,4-Dioxane	Completed					10/15/24	G/G	SW8270ESIM

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

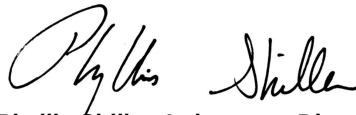
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

PCB Comment:

Poor surrogate recovery was observed for PCBs. Sample was re-extracted with similar results.

PFAS (40) by EPA 1633 (EPA 1633 Draft 3), PFOA/PFOS - Water Extraction (EPA 1633 Draft 3) were analyzed by NY certified lab #12058.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/08/24 10:45
10/09/24 17:14

Time

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82673

Project ID: NEWTON
Client ID: MS/MSD

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Client MS/MSD	Completed					10/12/24		

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	0.27	J 5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	10/12/24	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	97			%	1	10/12/24	MH	70 - 130 %
% Toluene-d8	94			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/08/24
10/09/24

Time

12:25
17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82674

Project ID: NEWTON
Client ID: DUPE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	96			%	1	10/12/24	MH	70 - 130 %

Client ID: DUPE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 07, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: KD1
Analyzed by: see "By" below

Date

10/08/24

Time

17:14

Laboratory Data

SDG ID: GCR82666
Phoenix ID: CR82843

Project ID: NEWTON
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/12/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/12/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/12/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/12/24	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	92			%	1	10/12/24	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	10/12/24	MH	70 - 130 %
% Dibromofluoromethane	87			%	1	10/12/24	MH	70 - 130 %

1

Project ID: NEWTON
Client ID: TRIP BLANK

Phoenix I.D.: CR82843

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	91			%	1	10/12/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	MH	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 07, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

CLIENT ID

MW-1

Client: LABELLA

SAS No.:

SDG No.: GCR82660

Lab Sample ID: CR82666

Lab File ID: 1012_08.D

Date Received: 10/09/24

Date Analyzed: 10/12/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

CONCENTRATION UNITS:

(ug/L or ug/KG)

ug/L

CAS NUMBER

COMPOUND NAME

RT

EST. CONC.

Q

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID

MW-2

Client: LABELLA

SAS No.:

SDG No.: GCR82660

Lab Sample ID: CR82667

Lab File ID: 1012_09.D

Date Received: 10/09/24

Date Analyzed: 10/12/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

CONCENTRATION UNITS:

(ug/L or ug/KG)

ug/L

CAS NUMBER

COMPOUND NAME

RT

EST. CONC.

Q

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID

MW-3

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GCR82660

Matrix:(soil/water) GROUND WATER

Lab Sample ID: CR82668

Sample wt/vol: 25 (g/mL) mL

Lab File ID: 1012 10.D

Level: (low/med)

Date Received: 10/09/24

% Moisture: not dec.	100
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Date Analyzed: 10/12/24

GC Column: RTX-VMS ID: 0.18(mm)

Dilution Factor: 1

Purge Volume: 25000 (uL)

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID

MW-4

Client: LABELLA

SAS No.:

SDG No.: GCR82660

Lab Sample ID: CR82669

Lab File ID: 1012 11.D

Date Received: 10/09/24

Date Analyzed: 10/12/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

MW-5

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CLIENT ID

MW-6

Client: LABELLA

SAS No.:

SDG No.: GCR82660

Lab Sample ID: CR82671

Lab File ID: 1012 13.D

Date Received: 10/09/24

Date Analyzed: 10/12/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

MW-14

Page 71 of 106

CLIENT ID

Client:

SDG No.:

Lab Sample ID: CR82673 BLK

Lab File ID: 1012_06.D

Date Received: 10/09/24

Date Analyzed: 10/12/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

CONCENTRATION UNITS:

(ug/L or ug/KG)

ug/L

FORM I VOA-TIC

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

CLIENT ID

MS/MSD

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GCR82660

Matrix:(soil/water) GROUND WATER

Lab Sample ID: CR82673

Sample wt/vol: 25 (g/mL) mL

Lab File ID: 1012_15.D

Level: (low/med)

Date Received: 10/09/24

% Moisture: not dec.	100
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Date Analyzed: 10/12/24

GC Column: RTX-VMS ID: 0.18(mm)

Dilution Factor: 1

Purge Volume: 25000 (uL)

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

DUPE

CLIENT ID

TRIP BLANK

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GCR82660

Matrix:(soil/water) GROUND WATER

Lab Sample ID: CR82843

Sample wt/vol: 25 (g/mL) mL

Lab File ID: 1012_07.D

Level: (low/med)

Date Received: 10/09/24

% Moisture: not dec.	100
----------------------	-----

Date Analyzed: 10/12/24

GC Column: RTX-VMS ID: 0.18(mm)

Dilution Factor: 1

Purge Volume: 25000 (uL)

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 752995 (mg/L), QC Sample No: CR82352 (CR82666, CR82667, CR82668, CR82669, CR82670, CR82671, CR82672)													
Mercury - Water	BRL	0.0002	<0.0002	0.0026	NC	102			98.2			75 - 125	20
QA/QC Batch 753551 (mg/L), QC Sample No: CR82684 (CR82666, CR82667, CR82668, CR82669, CR82670, CR82671, CR82672)													
<u>ICP Metals - Aqueous</u>													
Arsenic	BRL	0.004	<0.004	<0.004	NC	103	99.5	3.5	102			80 - 120	20
Barium	BRL	0.002	0.019	0.020	5.10	105	101	3.9	101			80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	106	102	3.8	101			80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	104	99.9	4.0	100			80 - 120	20
Lead	BRL	0.001	<0.001	<0.001	NC	104	100	3.9	101			80 - 120	20
Selenium	BRL	0.010	<0.010	<0.010	NC	98.7	95.7	3.1	97.3			80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	99.6	96.7	3.0	97.3			70 - 130	30



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QA/QC Report

May 07, 2025

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 754860 (ng/L), QC Sample No: CR82666 (CR82666, CR82672)										
<u>PFOA & PFOS</u>										
3:3FTCA	ND	5.00	28.5	17.3					50 - 150	I
4:2FTS	ND	7.50	95.6	96.5					50 - 150	
5:3FTCA	ND	25.0	61.9	49.6					50 - 150	
6:2FTS	ND	7.60	96.6	112					50 - 150	
7:3FTCA	ND	25.0	82.8	71.8					50 - 150	
8:2FTS	ND	7.68	91.9	105					50 - 150	
9Cl-PF3ONS	ND	7.48	296	588					50 - 150	I
ADONA	ND	7.56	254	554					50 - 150	I
FOSA	ND	2.00	81.8	81.7					50 - 150	
HFPO-DA	ND	8.00	125	84.6					50 - 150	
NEtFOSA	ND	2.00	61.2	66.8					50 - 150	
NEtFOSAA	ND	2.00	103	94.6					50 - 150	
NEtFOSE	ND	20.0	87.8	94.1					50 - 150	
NFDHA	ND	4.00	104	142					50 - 150	
NMeFOSA	ND	2.00	112	96.3					50 - 150	
NMeFOSAA	ND	2.00	102	101					50 - 150	
NMeFOSE	ND	20.0	91.5	94.9					50 - 150	
PFBA	ND	8.00	86.5	79.1					50 - 150	
PFBS	ND	1.77	99.0	97.9					50 - 150	
PFDA	ND	2.00	78.9	90.8					50 - 150	
PFDaA	ND	2.00	78.6	92.1					50 - 150	
PFDaDS	ND	1.94	62.7	74.3					50 - 150	
PFDS	ND	1.93	91.2	95.5					50 - 150	
PFEESA	ND	3.56	99.0	100					50 - 150	I
PFHpA	ND	2.00	118	116					50 - 150	
PFHpS	ND	1.91	77.2	75.5					50 - 150	
PFHxA	ND	2.00	99.8	96.6					50 - 150	
PFHxS	ND	1.83	113	111					50 - 150	
PFMBA	ND	4.00	156	156					50 - 150	I
PFMPA	ND	4.00	21.9	18.2					50 - 150	I
PFNA	ND	2.00	105	96.7					50 - 150	
PFNS	ND	1.92	94.7	91.0					50 - 150	
PFOA	ND	2.00	95.8	94.2					50 - 150	
PFOS	ND	1.86	90.4	86.0					50 - 150	
PFPeA	ND	4.00	104	105					50 - 150	
PFPeS	ND	1.88	106	122					50 - 150	
PFTA	ND	2.00	97.8	85.1					50 - 150	
PFTTrDA	ND	2.00	103	105					50 - 150	
PFUnA	ND	2.00	110	103					50 - 150	
% d3-N-MeFOSAA	85.4	0	105	98.3					25 - 150	
% d5-N-EtFOSAA	90.2	0	109	108					25 - 150	

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	21.2	0	27.8	26.1					25 - 150	s
% M2-6:2 FTS	26.1	0	38.3	32.3					25 - 200	
% M2-8:2 FTS	56.1	0	80.3	64.6					25 - 200	
% M2PFTEDA	60.0	0	93.2	82.2					10 - 150	
% M3HFPO-DA	85.5	0	52.0	24.2					25 - 150	l
% M3PFBS	99.6	0	113	128					25 - 150	
% M3PFHxS	101	0	119	133					25 - 150	
% M4PFHpA	74.8	0	121	119					25 - 150	
% M5PFHxA	114	0	121	120					25 - 150	
% M5PFPEA	64.7	0	59.5	50.2					25 - 150	
% M6PFDA	128	0	150	139					25 - 150	
% M7PFUDA	113	0	140	121					25 - 150	
% M8FOSA	91.8	0	97.6	89.9					10 - 150	
% M8PFOA	120	0	136	127					25 - 150	
% M8PFOS	114	0	142	130					25 - 150	
% M9PFNA	109	0	120	122					25 - 150	
% MPFBA	2.84	0	4.42	2.61					25 - 150	l,s
% MPFDOA	86.2	0	121	108					25 - 150	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 753660 (ug/l), QC Sample No: CR82286 (CR82666, CR82672)

1,4dioxane - Ground Water

1,4-dioxane (ISO)	ND	0.20	104	98	5.9				70 - 130	20
% 1,4-dioxane-d8 (ISO)	83	%	84	84	0.0				70 - 130	20

QA/QC Batch 752870 (ug/L), QC Sample No: CR81261 (CR82666, CR82667, CR82668, CR82669, CR82670, CR82671)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	49	66	29.6				40 - 140	20	r
PCB-1221	ND	0.050							40 - 140	20	
PCB-1232	ND	0.050							40 - 140	20	
PCB-1242	ND	0.050							40 - 140	20	
PCB-1248	ND	0.050							40 - 140	20	
PCB-1254	ND	0.050							40 - 140	20	
PCB-1260	ND	0.050	82	95	14.7				40 - 140	20	
PCB-1262	ND	0.050							40 - 140	20	
PCB-1268	ND	0.050							40 - 140	20	
% DCBP (Surrogate Rec)	86	%	78	91	15.4				30 - 150	20	
% DCBP (Surrogate Rec) (Confirm)	87	%	79	96	19.4				30 - 150	20	
% TCMX (Surrogate Rec)	61	%	37	46	21.7				30 - 150	20	r
% TCMX (Surrogate Rec) (Confirm)	60	%	37	48	25.9				30 - 150	20	r

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 753290 (ug/L), QC Sample No: CR81265 (CR82672)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	70	69	1.4				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	71	71	0.0				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	69	%	75	70	6.9				30 - 150	20
% DCBP (Surrogate Rec) (Confirm	70	%	89	76	15.8				30 - 150	20
% TCMX (Surrogate Rec)	51	%	84	75	11.3				30 - 150	20
% TCMX (Surrogate Rec) (Confirm	50	%	82	76	7.6				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 752794 (ug/L), QC Sample No: CR81439 (CR82666, CR82667, CR82668, CR82669, CR82670, CR82671, CR82672)

Pesticides - Ground Water

4,4' -DDD	ND	0.003	85	88	3.5				40 - 140	20
4,4' -DDE	ND	0.003	81	82	1.2				40 - 140	20
4,4' -DDT	ND	0.003	86	88	2.3				40 - 140	20
a-BHC	ND	0.002	74	71	4.1				40 - 140	20
a-Chlordane	ND	0.005	71	79	10.7				40 - 140	20
Alachlor	ND	0.005	NA	NA	NC				40 - 140	20
Aldrin	ND	0.002	73	76	4.0				40 - 140	20
b-BHC	ND	0.002	73	74	1.4				40 - 140	20
Chlordane	ND	0.050	80	82	2.5				40 - 140	20
d-BHC	ND	0.005	71	72	1.4				40 - 140	20
Dieldrin	ND	0.002	84	87	3.5				40 - 140	20
Endosulfan I	ND	0.005	89	91	2.2				40 - 140	20
Endosulfan II	ND	0.005	92	95	3.2				40 - 140	20
Endosulfan sulfate	ND	0.005	105	105	0.0				40 - 140	20
Endrin	ND	0.005	104	113	8.3				40 - 140	20
Endrin aldehyde	ND	0.005	77	81	5.1				40 - 140	20
Endrin ketone	ND	0.005	84	86	2.4				40 - 140	20
g-BHC	ND	0.002	75	77	2.6				40 - 140	20
g-Chlordane	ND	0.005	80	82	2.5				40 - 140	20
Heptachlor	ND	0.005	75	79	5.2				40 - 140	20
Heptachlor epoxide	ND	0.005	78	79	1.3				40 - 140	20
Methoxychlor	ND	0.005	91	94	3.2				40 - 140	20
Toxaphene	ND	0.20	NA	NA	NC				40 - 140	20
% DCBP	92	%	98	100	2.0				30 - 150	20
% DCBP (Confirmation)	118	%	109	115	5.4				30 - 150	20
% TCMX	69	%	69	70	1.4				30 - 150	20
% TCMX (Confirmation)	102	%	92	92	0.0				30 - 150	20

QA/QC Batch 753793 (ug/L), QC Sample No: CR82666 (CR82666, CR82667, CR82668, CR82669, CR82670, CR82671, CR82672)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	3.5	64	71	10.4				30 - 130	20
1,2,4-Trichlorobenzene	ND	3.5	64	74	14.5				30 - 130	20
1,2-Dichlorobenzene	ND	1.0	64	78	19.7				30 - 130	20
1,2-Diphenylhydrazine	ND	1.6	83	89	7.0				30 - 130	20
1,3-Dichlorobenzene	ND	1.0	62	77	21.6				30 - 130	20
1,4-Dichlorobenzene	ND	1.0	64	78	19.7				30 - 130	20
2,2'-Oxybis(1-Chloropropane)	ND	1.0	63	71	11.9				30 - 130	20
2,4,5-Trichlorophenol	ND	1.0	94	104	10.1				30 - 130	20
2,4,6-Trichlorophenol	ND	1.0	99	109	9.6				30 - 130	20
2,4-Dichlorophenol	ND	1.0	81	91	11.6				30 - 130	20
2,4-Dimethylphenol	ND	1.0	87	92	5.6				30 - 130	20
2,4-Dinitrophenol	ND	1.0	82	65	23.1				30 - 130	20
2,4-Dinitrotoluene	ND	3.5	97	104	7.0				30 - 130	20

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2,6-Dinitrotoluene	ND	3.5	98	104	5.9				30 - 130	20
2-Chloronaphthalene	ND	3.5	80	89	10.7				30 - 130	20
2-Chlorophenol	ND	1.0	73	87	17.5				30 - 130	20
2-Methylnaphthalene	ND	3.5	73	81	10.4				30 - 130	20
2-Methylphenol (o-cresol)	ND	1.0	79	88	10.8				30 - 130	20
2-Nitroaniline	ND	3.5	115	116	0.9				30 - 130	20
2-Nitrophenol	ND	1.0	83	90	8.1				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	1.0	85	95	11.1				30 - 130	20
3,3'-Dichlorobenzidine	ND	5.0	72	77	6.7				30 - 130	20
3-Nitroaniline	ND	5.0	101	87	14.9				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	1.0	81	75	7.7				30 - 130	20
4-Bromophenyl phenyl ether	ND	3.5	85	93	9.0				30 - 130	20
4-Chloro-3-methylphenol	ND	1.0	90	98	8.5				30 - 130	20
4-Chloroaniline	ND	3.5	81	68	17.4				30 - 130	20
4-Chlorophenyl phenyl ether	ND	1.0	84	91	8.0				30 - 130	20
4-Nitroaniline	ND	5.0	93	98	5.2				30 - 130	20
4-Nitrophenol	ND	1.0	95	106	10.9				30 - 130	20
Acenaphthene	ND	1.5	84	92	9.1				30 - 130	20
Acetophenone	ND	3.5	71	78	9.4				30 - 130	20
Aniline	ND	3.5	72	65	10.2				30 - 130	20
Anthracene	ND	1.5	86	94	8.9				30 - 130	20
Benzidine	ND	4.5	86	80	7.2				30 - 130	20
Benzoic acid	ND	10	96	112	15.4				30 - 130	20
Benzyl butyl phthalate	ND	1.5	93	99	6.3				30 - 130	20
Bis(2-chloroethoxy)methane	ND	3.5	73	80	9.2				30 - 130	20
Bis(2-chloroethyl)ether	ND	1.0	70	81	14.6				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	1.5	91	97	6.4				30 - 130	20
Carbazole	ND	5.0	93	101	8.2				30 - 130	20
Dibenzofuran	ND	3.5	81	90	10.5				30 - 130	20
Diethyl phthalate	ND	1.5	92	104	12.2				30 - 130	20
Dimethylphthalate	ND	1.5	90	98	8.5				30 - 130	20
Di-n-butylphthalate	ND	1.5	96	106	9.9				30 - 130	20
Di-n-octylphthalate	ND	1.5	96	101	5.1				30 - 130	20
Fluoranthene	ND	1.5	93	101	8.2				30 - 130	20
Fluorene	ND	1.5	88	95	7.7				30 - 130	20
Hexachloroethane	ND	3.5	65	79	19.4				30 - 130	20
Isophorone	ND	3.5	71	78	9.4				30 - 130	20
Naphthalene	ND	1.5	67	75	11.3				30 - 130	20
N-Nitrosodi-n-propylamine	ND	3.5	81	89	9.4				30 - 130	20
N-Nitrosodiphenylamine	ND	3.5	76	83	8.8				30 - 130	20
Pentachloronitrobenzene	ND	5.0	90	98	8.5				30 - 130	20
Phenol	ND	1.0	76	88	14.6				30 - 130	20
Pyrene	ND	1.5	89	99	10.6				30 - 130	20
Pyridine	ND	5.0	44	55	22.2				30 - 130	20
% 2,4,6-Tribromophenol	71	%	92	99	7.3				15 - 110	20
% 2-Fluorobiphenyl	67	%	73	81	10.4				30 - 130	20
% 2-Fluorophenol	59	%	59	75	23.9				15 - 110	20
% Nitrobenzene-d5	64	%	79	88	10.8				30 - 130	20
% Phenol-d5	68	%	70	82	15.8				15 - 110	20
% Terphenyl-d14	76	%	82	89	8.2				30 - 130	20

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 753793 (ug/L), QC Sample No: CR82666 (CR82666, CR82667, CR82668, CR82669, CR82670, CR82671, CR82672)

Semivolatiles (SIM) - Ground Water

Acenaphthylene	ND	0.50	50	58	14.8				30 - 130	20
Benz(a)anthracene	ND	0.50	67	76	12.6				30 - 130	20
Benzo(a)pyrene	ND	0.50	68	77	12.4				30 - 130	20
Benzo(b)fluoranthene	ND	0.50	68	76	11.1				30 - 130	20
Benzo(ghi)perylene	ND	0.50	72	80	10.5				30 - 130	20
Benzo(k)fluoranthene	ND	0.50	69	79	13.5				30 - 130	20
Chrysene	ND	0.50	66	74	11.4				30 - 130	20
Dibenz(a,h)anthracene	ND	0.50	75	85	12.5				30 - 130	20
Hexachlorobenzene	ND	0.50	61	73	17.9				30 - 130	20
Hexachlorobutadiene	ND	0.50	53	66	21.8				30 - 130	20
Hexachlorocyclopentadiene	ND	0.50	25	31	21.4				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.50	68	75	9.8				30 - 130	20
Nitrobenzene	ND	0.50	57	69	19.0				30 - 130	20
N-Nitrosodimethylamine	ND	0.05	52	70	29.5				30 - 130	20
Pentachlorophenol	ND	0.50	70	83	17.0				30 - 130	20
Phenanthrene	ND	0.50	61	70	13.7				30 - 130	20
% 2,4,6-Tribromophenol	74	%	65	77	16.9				15 - 110	20
% 2-Fluorobiphenyl	69	%	54	62	13.8				30 - 130	20
% 2-Fluorophenol	61	%	44	57	25.7				15 - 110	20
% Nitrobenzene-d5	65	%	51	63	21.1				30 - 130	20
% Phenol-d5	66	%	51	63	21.1				15 - 110	20
% Terphenyl-d14	76	%	60	70	15.4				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 753675 (ug/L), QC Sample No: CR82673 (CR82666, CR82667, CR82668, CR82669, CR82670, CR82671, CR82672, CR82673, CR82674, CR82843)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	97	102	5.0	114	103	10.1	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	99	99	0.0	127	116	9.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	91	95	4.3	105	95	10.0	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	90	95	5.4	99	94	5.2	70 - 130	30
1,1-Dichloroethane	ND	1.0	101	104	2.9	122	111	9.4	70 - 130	30
1,1-Dichloroethene	ND	1.0	98	96	2.1	120	112	6.9	70 - 130	30
1,1-Dichloropropene	ND	1.0	101	101	0.0	115	104	10.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	82	84	2.4	85	74	13.8	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	90	94	4.3	105	94	11.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	89	94	5.5	86	74	15.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	104	109	4.7	109	94	14.8	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	81	92	12.7	97	91	6.4	70 - 130	30
1,2-Dibromoethane	ND	1.0	90	96	6.5	107	97	9.8	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	96	100	4.1	105	92	13.2	70 - 130	30
1,2-Dichloroethane	ND	1.0	97	99	2.0	109	97	11.7	70 - 130	30
1,2-Dichloropropane	ND	1.0	95	98	3.1	113	101	11.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	104	108	3.8	111	96	14.5	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	100	103	3.0	103	90	13.5	70 - 130	30

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	1.0	93	96	3.2	106	97	8.9	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	100	103	3.0	101	87	14.9	70 - 130	30
2,2-Dichloropropane	ND	1.0	104	107	2.8	118	109	7.9	70 - 130	30
2-Chlorotoluene	ND	1.0	104	106	1.9	110	97	12.6	70 - 130	30
2-Hexanone	ND	5.0	85	87	2.3	97	90	7.5	70 - 130	30
2-Isopropyltoluene	ND	1.0	105	109	3.7	110	96	13.6	70 - 130	30
4-Chlorotoluene	ND	1.0	104	105	1.0	107	94	12.9	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	85	87	2.3	98	86	13.0	70 - 130	30
Acetone	ND	5.0	79	85	7.3	103	94	9.1	70 - 130	30
Acrolein	ND	5.0	88	91	3.4	88	76	14.6	70 - 130	30
Acrylonitrile	ND	5.0	85	87	2.3	95	90	5.4	70 - 130	30
Benzene	ND	0.70	103	105	1.9	117	107	8.9	70 - 130	30
Bromobenzene	ND	1.0	103	106	2.9	115	102	12.0	70 - 130	30
Bromochloromethane	ND	1.0	96	99	3.1	110	100	9.5	70 - 130	30
Bromodichloromethane	ND	0.50	95	98	3.1	111	101	9.4	70 - 130	30
Bromoform	ND	1.0	88	92	4.4	97	91	6.4	70 - 130	30
Bromomethane	ND	1.0	94	98	4.2	86	94	8.9	70 - 130	30
Carbon Disulfide	ND	1.0	102	101	1.0	122	113	7.7	70 - 130	30
Carbon tetrachloride	ND	1.0	94	93	1.1	122	113	7.7	70 - 130	30
Chlorobenzene	ND	1.0	99	103	4.0	112	101	10.3	70 - 130	30
Chloroethane	ND	1.0	110	109	0.9	127	119	6.5	70 - 130	30
Chloroform	ND	1.0	101	102	1.0	120	110	8.7	70 - 130	30
Chloromethane	ND	1.0	110	113	2.7	126	117	7.4	70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	95	103	8.1	118	104	12.6	70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	95	99	4.1	105	96	9.0	70 - 130	30
Dibromochloromethane	ND	0.50	95	97	2.1	108	100	7.7	70 - 130	30
Dibromomethane	ND	1.0	92	96	4.3	108	97	10.7	70 - 130	30
Dichlorodifluoromethane	ND	1.0	98	92	6.3	94	84	11.2	70 - 130	30
Ethylbenzene	ND	1.0	102	104	1.9	117	104	11.8	70 - 130	30
Hexachlorobutadiene	ND	0.40	94	95	1.1	82	74	10.3	70 - 130	30
Isopropylbenzene	ND	1.0	105	108	2.8	119	103	14.4	70 - 130	30
m&p-Xylene	ND	1.0	102	105	2.9	112	101	10.3	70 - 130	30
Methyl ethyl ketone	ND	5.0	81	93	13.8	97	88	9.7	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	86	88	2.3	98	93	5.2	70 - 130	30
Methylene chloride	ND	1.0	95	98	3.1	109	102	6.6	70 - 130	30
Naphthalene	ND	1.0	84	90	6.9	95	87	8.8	70 - 130	30
n-Butylbenzene	ND	1.0	102	104	1.9	89	76	15.8	70 - 130	30
n-Propylbenzene	ND	1.0	107	107	0.0	109	94	14.8	70 - 130	30
o-Xylene	ND	1.0	103	106	2.9	115	103	11.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	103	104	1.0	101	87	14.9	70 - 130	30
sec-Butylbenzene	ND	1.0	102	103	1.0	104	90	14.4	70 - 130	30
Styrene	ND	1.0	101	104	2.9	111	100	10.4	70 - 130	30
tert-Butylbenzene	ND	1.0	104	107	2.8	113	99	13.2	70 - 130	30
Tetrachloroethene	ND	1.0	97	98	1.0	104	92	12.2	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	76	80	5.1	84	80	4.9	70 - 130	30
Toluene	ND	1.0	101	103	2.0	116	104	10.9	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	103	104	1.0	123	113	8.5	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	96	98	2.1	103	94	9.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	101	108	6.7	98	92	6.3	70 - 130	30
Trichloroethene	ND	1.0	100	102	2.0	119	108	9.7	70 - 130	30
Trichlorofluoromethane	ND	1.0	93	90	3.3	114	105	8.2	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	91	86	5.6	98	89	9.6	70 - 130	30
Vinyl chloride	ND	1.0	98	98	0.0	118	108	8.8	70 - 130	30

QA/QC Data

SDG I.D.: GCR82666

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
% 1,2-dichlorobenzene-d4	94	%	97	98	1.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	100	%	98	99	1.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	94	%	94	93	1.1	94	95	1.1	70 - 130	30
% Toluene-d8	92	%	100	99	1.0	98	97	1.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

s = This parameter is outside laboratory Blank Surrogate specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution



Phyllis Shiller, Laboratory Director
May 07, 2025

Wednesday, May 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR82666 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

May 07, 2025

SDG I.D.: GCR82666

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☒ No ☐

Temp 1.1 C Pg of

Contact Options:

Phone:
Fax:
Email:

Project P.O.: NEWTON

This section MUST be completed with Bottle Quantities.

Project: NEWTON

Report to: TROLLEND@LABELLAPC.COM

Invoice to:

QUOTE #: LA050724RM

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water OIL=Oil
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
B=Bulk L=Liquid

PHOENIX USE ONLY

SAMPLE #

Customer Sample Identification

Sample Matrix

Date Sampled

Time Sampled

Analysis Request

MS/MSD (may be billed at analysis unit rate)

SVOCs by 8260

PCBs by 8270

PCBs by 8082

PCBs by 8270

PCBs by 8081

PCBs by 8270

PCBs by 8081

PCBs by 8270

PCBs by 8081

PCBs by 8270

PCBs by 8081

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PCBs by 8270

Relinquished by: _____

Accepted by: _____

Date: 10/8/24

Time: 16:55

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Signature: _____

Comments, Special Requirements or Regulations:

CAT B DELIVERABLES

Phoenix Std Report ☐ EQUIS

Excel ☐ NJ Hazsite EDD

PDF ☐ NY EZ EDD

GIS/Key ☐ (ASP)

Other ☐

Other ☐

Other ☐

Other ☐

Other ☐

Other ☐

Other ☐

TB not on COC (ED)

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

PA

NY

Res. Criteria

Non-Res. Criteria

Impact to GW Soil Cleanup Criteria

Impact to GW soil screen Criteria

GW Criteria

TOGS GW

CP-51 SOIL

375SSCO

Unrestricted Soil

375SSCO

Residential Soil

375SSCO

Residential Restricted Soil

375SSCO

Commercial Soil

375SSCO

Industrial Soil

PA

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375SSCO

Residential Soil

375SSCO

Residential Restricted Soil

375SSCO</

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

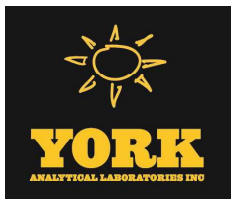
From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.

P.O. Box 370, 587 East Middle Turnpike

Manchester CT, 06040

Attention: Helen Geoghegan

Report Date: 10/22/2024

Client Project ID: GCR82666

York Project (SDG) No.: 24J0825

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/22/2024
Client Project ID: GCR82666
York Project (SDG) No.: 24J0825

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 11, 2024 and listed below. The project was identified as your project: **GCR82666**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24J0825-01	MW-1	Ground Water	10/08/2024	10/11/2024
24J0825-02	MW-14	Ground Water	10/08/2024	10/11/2024

General Notes for York Project (SDG) No.: 24J0825

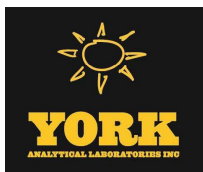
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 10/22/2024





Sample Information

Client Sample ID: MW-1

York Sample ID: 24J0825-01

York Project (SDG) No.
24J0825

Client Project ID
GCR82666

Matrix
Ground Water

Collection Date/Time
October 8, 2024 10:45 am

Date Received
10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	5.81		ng/L	0.459	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	1.94	J	ng/L	0.342	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	1.25	J	ng/L	0.693	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	2.97		ng/L	0.664	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
335-67-1	Perfluorooctanoic acid (PFOA)	2.90		ng/L	0.410	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.07		ng/L	0.801	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.508	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.732	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.723	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.674	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.771	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.60	J	ng/L	0.225	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.889	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	4.75	J	ng/L	0.322	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ng/L	0.488	3.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:03	AM



Sample Information

Client Sample ID: MW-1

York Sample ID: 24J0825-01

York Project (SDG) No.
24J0825

Client Project ID
GCR82666

Matrix
Ground Water

Collection Date/Time
October 8, 2024 10:45 am

Date Received
10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.09	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:03	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.244	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:03	AM
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		ng/L	0.361	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:03	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.742	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.15	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.35	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.684	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
919005-14-4	ADONA	ND		ng/L	0.518	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.908	1.89	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.840	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV -L	ng/L	1.98	4.88	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV -L	ng/L	7.16	24.4	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.25	24.4	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.95	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:03	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	114 %	25-150
13C5PFHXA	Surrogate: M5PFHxA	123 %	25-150
13C4PFHPA	Surrogate: M4PFHPa	116 %	25-150
13C3PFHXS	Surrogate: M3PFHxS	117 %	25-150
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	122 %	25-150
13C6PFDA	Surrogate: M6PFDA	110 %	25-150
13C7PFUNA	Surrogate: M7PFUdA	90.1 %	25-150



Sample Information

Client Sample ID: MW-1

York Sample ID: 24J0825-01

York Project (SDG) No.
24J0825

Client Project ID
GCR82666

Matrix
Ground Water

Collection Date/Time
October 8, 2024 10:45 am

Date Received
10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	74.6 %			25-150						
13C2PFTEDA	Surrogate: M2PFTeDA	60.7 %			10-150						
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	46.8 %			25-150						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	117 %			25-150						
2283397-79-3	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	119 %			25-150						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	83.5 %			10-150						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	83.2 %			25-150						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	90.4 %			25-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	48.2 %			25-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	49.8 %			25-200						
13C9PFNA	Surrogate: M9PFNA	110 %			25-150						
M2-4:2FTS	Surrogate: M2-4:2 FTS	123 %			25-150						
d-N-MeFOSA	Surrogate: d-N-MeFOSA	28.0 %			25-150						
d-N-EtFOSA	Surrogate: d-N-EtFOSA	22.3 %	PFSu-L		25-150						
M3HFPO-DA	Surrogate: M3HFPO-DA	41.2 %			25-150						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	65.9 %			25-150						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	81.7 %			25-150						

Sample Information

Client Sample ID: MW-14

York Sample ID: 24J0825-02

York Project (SDG) No.
24J0825

Client Project ID
GCR82666

Matrix
Ground Water

Collection Date/Time
October 8, 2024 2:55 pm

Date Received
10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.51	J	ng/L	0.456	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	24.5		ng/L	0.340	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	23.2	PF-CCV -H	ng/L	0.689	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.39	J	ng/L	0.660	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM

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ClientServices@

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Sample Information

Client Sample ID: MW-14

York Sample ID: 24J0825-02

York Project (SDG) No.
24J0825

Client Project ID
GCR82666

Matrix
Ground Water

Collection Date/Time
October 8, 2024 2:55 pm

Date Received
10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	147		ng/L	0.408	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.870	J	ng/L	0.796	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
375-95-1	Perfluorononanoic acid (PFNA)	5.98		ng/L	0.505	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.728	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.854	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTDA)	ND		ng/L	0.718	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.670	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.767	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.00	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	15.5		ng/L	0.223	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.854	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.883	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.99	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	7.24	J	ng/L	0.320	7.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ng/L	0.485	3.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:19	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.08	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:19	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.243	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:19	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.359	3.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/18/2024 14:24	10/21/2024 19:19	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.738	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.74	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM



Sample Information

Client Sample ID: MW-14

York Sample ID: 24J0825-02

York Project (SDG) No.
24J0825

Client Project ID
GCR82666

Matrix
Ground Water

Collection Date/Time
October 8, 2024 2:55 pm

Date Received
10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.14	7.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.34	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.680	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
919005-14-4	ADONA	ND		ng/L	0.515	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.903	1.88	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.835	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/18/2024 14:24	10/21/2024 19:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV -L	ng/L	1.97	4.85	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV -L	ng/L	7.12	24.3	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.19	24.3	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM
24448-09-7	* N-McFOSE	ND		ng/L	3.87	19.4	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM
31506-32-8	* N-McFOSA	ND		ng/L	1.53	1.94	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.87	19.4	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.75	1.94	1	EPA 1633 Draft 3 Certifications:	10/18/2024 14:24	10/21/2024 19:19	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	128 %	25-150
13C5PFHXA	Surrogate: M5PFHxA	129 %	25-150
13C4PFHPA	Surrogate: M4PFHpA	123 %	25-150
13C3PFHXS	Surrogate: M3PFHxS	126 %	25-150
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	134 %	25-150
13C6PFDA	Surrogate: M6PFDA	105 %	25-150
13C7PFUNA	Surrogate: M7PFUDa	68.3 %	25-150
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	46.4 %	25-150
13C2PFTEDA	Surrogate: M2PFTeDA	18.9 %	10-150
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	34.0 %	25-150
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	98.5 %	25-150
2283397-79-3	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	121 %	25-150



Sample Information

Client Sample ID: MW-14

York Sample ID: 24J0825-02

York Project (SDG) No.
24J0825

Client Project ID
GCR82666

Matrix
Ground Water

Collection Date/Time
October 8, 2024 2:55 pm

Date Received
10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	78.1 %			10-150						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	70.7 %			25-150						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	74.4 %			25-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	46.7 %			25-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	54.1 %			25-200						
13C9PFNA	Surrogate: M9PFNA	111 %			25-150						
M2-4:2FTS	Surrogate: M2-4:2 FTS	76.5 %			25-150						
d-N-MeFOSA	Surrogate: d-N-MeFOSA	15.8 %	PFSu-L		25-150						
d-N-EtFOSA	Surrogate: d-N-EtFOSA	11.5 %	PFSu-L		25-150						
M3HFPO-DA	Surrogate: M3HFPO-DA	48.7 %			25-150						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	31.3 %			25-150						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	47.6 %			25-150						



Analytical Batch Summary

Batch ID: BJ41262

Preparation Method: EPA 1633 Prep

Prepared By: MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J0825-01	MW-1	10/18/24
24J0825-02	MW-14	10/18/24
BJ41262-BLK1	Blank	10/18/24
BJ41262-BS1	LCS	10/18/24
BJ41262-BS2	LCS	10/18/24



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ41262 - EPA 1633 Prep

Blank (BJ41262-BLK1)

Prepared: 10/18/2024 Analyzed: 10/21/2024

Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	3.56	"								
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	23.2		"	23.3		99.6	25-150				
Surrogate: M5PFHxA	28.6		"	25.0		114	25-150				
Surrogate: M4PFHpA	18.7		"	25.0		74.8	25-150				
Surrogate: M3PFHxS	23.9		"	23.7		101	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	30.0		"	25.0		120	25-150				
Surrogate: M6PFDA	16.0		"	12.5		128	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BJ41262 - EPA 1633 Prep

Blank (BJ41262-BLK1)

Prepared: 10/18/2024 Analyzed: 10/21/2024

Surrogate: M7PFUdA	14.1		ng/L	12.5		113	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	10.8		"	12.5		86.2	25-150				
Surrogate: M2PFTeDA	7.50		"	12.5		60.0	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	2.84		"	100		2.84	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	27.3		"	24.0		114	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	32.3		"	50.0		64.7	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.0		"	25.0		91.8	10-150				
Surrogate: d3-N-MeFOSAA	42.7		"	50.0		85.4	25-150				
Surrogate: d5-N-EtFOSAA	45.1		"	50.0		90.2	25-150				
Surrogate: M2-6:2 FTS	12.4		"	47.6		26.1	25-200				
Surrogate: M2-8:2 FTS	26.9		"	48.0		56.1	25-200				
Surrogate: M9PFNA	13.7		"	12.5		109	25-150				
Surrogate: M2-4:2 FTS	9.94		"	46.9		21.2	25-150				
Surrogate: d-N-MeFOSA	12.5		"	25.0		50.0	25-150				
Surrogate: d-N-EtFOSA	9.65		"	25.0		38.6	25-150				
Surrogate: M3HFPO-DA	85.5		"	100		85.5	25-150				
Surrogate: d9-N-EtFOSE	223		"	250		89.3	25-150				
Surrogate: d7-N-MeFOSE	277		"	250		111	25-150				

LCS (BJ41262-BS1)

Prepared: 10/18/2024 Analyzed: 10/21/2024

Perfluorobutanesulfonic acid (PFBS)	35.1	1.77	ng/L	35.4		99.0	50-150				
Perfluorohexanoic acid (PFHxA)	39.9	2.00	"	40.0		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	47.4	2.00	"	40.0		118	50-150				
Perfluorohexanesulfonic acid (PFHxS)	41.5	1.83	"	36.6		113	50-150				
Perfluorooctanoic acid (PFOA)	38.3	2.00	"	40.0		95.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	33.6	1.86	"	37.2		90.4	50-150				
Perfluorononanoic acid (PFNA)	42.0	2.00	"	40.0		105	50-150				
Perfluorodecanoic acid (PFDA)	31.6	2.00	"	40.0		78.9	50-150				
Perfluoroundecanoic acid (PFUnA)	44.0	2.00	"	40.0		110	50-150				
Perfluorododecanoic acid (PFDoA)	31.5	2.00	"	40.0		78.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	41.2	2.00	"	40.0		103	50-150				
Perfluorotetradecanoic acid (PFTA)	39.1	2.00	"	40.0		97.8	50-150				
N-MeFOSAA	40.7	2.00	"	40.0		102	50-150				
N-EtFOSAA	41.0	2.00	"	40.0		103	50-150				
Perfluoropentanoic acid (PFPeA)	83.4	4.00	"	80.0		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.7	2.00	"	40.0		81.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	29.5	1.91	"	38.2		77.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.2	1.93	"	38.6		91.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	147	7.60	"	152		96.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	141	7.68	"	154		91.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	138	8.00	"	160		86.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	70.5	3.56	"	71.2		99.0	50-150				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	83.4	4.00	"	80.0		104	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.6	4.00	"	80.0		21.9	50-150			Low Bias	
Perfluoro-5-oxahexanoic acid (PFMBA)	125	4.00	"	80.0		156	50-150			High Bias	



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ41262 - EPA 1633 Prep

LCS (BJ41262-BS1)

Prepared: 10/18/2024 Analyzed: 10/21/2024

Perfluoro-1-pentanesulfonate (PFPeS)	39.8	1.88	ng/L	37.6		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	143	7.50	"	150		95.6	50-150				
HFPO-DA (Gen-X)	99.8	8.00	"	80.0		125	50-150				
11CL-PF3OUdS	191	7.56	"	75.6		253	50-150	High Bias			
9CL-PF3ONS	222	7.48	"	74.8		296	50-150	High Bias			
ADONA	192	7.56	"	75.6		254	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	24.3	1.94	"	38.8		62.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	36.4	1.92	"	38.4		94.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	45.5	5.00	"	160		28.5	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	495	25.0	"	800		61.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	663	25.0	"	800		82.8	50-150				
N-MeFOSE	366	20.0	"	400		91.5	50-150				
N-MeFOSA	44.7	2.00	"	40.0		112	50-150				
N-EtFOSE	351	20.0	"	400		87.8	50-150				
N-EtFOSA	24.5	2.00	"	40.0		61.2	50-150				
Surrogate: M3PFBS	26.3		"	23.3		113	25-150				
Surrogate: M5PFHxA	30.2		"	25.0		121	25-150				
Surrogate: M4PFHpA	30.2		"	25.0		121	25-150				
Surrogate: M3PFHxS	28.2		"	23.7		119	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	34.1		"	25.0		136	25-150				
Surrogate: M6PFDA	18.8		"	12.5		150	25-150				
Surrogate: M7PFUdA	17.5		"	12.5		140	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	15.1		"	12.5		121	25-150				
Surrogate: M2PFTeDA	11.6		"	12.5		93.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.42		"	100		4.42	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	34.0		"	24.0		142	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	29.7		"	50.0		59.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.4		"	25.0		97.6	10-150				
Surrogate: d3-N-MeFOSAA	52.3		"	50.0		105	25-150				
Surrogate: d5-N-EtFOSAA	54.4		"	50.0		109	25-150				
Surrogate: M2-6:2 FTS	18.2		"	47.6		38.3	25-200				
Surrogate: M2-8:2 FTS	38.6		"	48.0		80.3	25-200				
Surrogate: M9PFNA	15.0		"	12.5		120	25-150				
Surrogate: M2-4:2 FTS	13.0		"	46.9		27.8	25-150				
Surrogate: d-N-MeFOSA	8.92		"	25.0		35.7	25-150				
Surrogate: d-N-EtFOSA	10.2		"	25.0		40.9	25-150				
Surrogate: M3HFPO-DA	52.0		"	100		52.0	25-150				
Surrogate: d9-N-EtFOSE	226		"	250		90.3	25-150				
Surrogate: d7-N-MeFOSE	240		"	250		96.1	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ41262 - EPA 1633 Prep

LCS (BJ41262-BS2)

Prepared: 10/18/2024 Analyzed: 10/21/2024

Perfluorobutanesulfonic acid (PFBS)	6.93	1.77	ng/L	7.08		97.9	50-150				
Perfluorohexanoic acid (PFHxA)	7.73	2.00	"	8.00		96.6	50-150				
Perfluoroheptanoic acid (PFHpA)	9.32	2.00	"	8.00		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	8.16	1.83	"	7.32		111	50-150				
Perfluorooctanoic acid (PFOA)	7.54	2.00	"	8.00		94.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.40	1.86	"	7.44		86.0	50-150				
Perfluorononanoic acid (PFNA)	7.73	2.00	"	8.00		96.7	50-150				
Perfluorodecanoic acid (PFDA)	7.27	2.00	"	8.00		90.8	50-150				
Perfluoroundecanoic acid (PFUnA)	8.26	2.00	"	8.00		103	50-150				
Perfluorododecanoic acid (PFDoA)	7.36	2.00	"	8.00		92.1	50-150				
Perfluorotridecanoic acid (PFTriDA)	8.40	2.00	"	8.00		105	50-150				
Perfluorotetradecanoic acid (PFTA)	6.81	2.00	"	8.00		85.1	50-150				
N-MeFOSAA	8.06	2.00	"	8.00		101	50-150				
N-EtFOSAA	7.57	2.00	"	8.00		94.6	50-150				
Perfluoropentanoic acid (PFPeA)	16.7	4.00	"	16.0		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.53	2.00	"	8.00		81.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.77	1.91	"	7.64		75.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.38	1.93	"	7.72		95.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	34.1	7.60	"	30.4		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	32.2	7.68	"	30.7		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	25.3	8.00	"	32.0		79.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	14.3	3.56	"	14.2		100	50-150				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	22.7	4.00	"	16.0		142	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.92	4.00	"	16.0		18.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	25.0	4.00	"	16.0		156	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	9.14	1.88	"	7.52		122	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	29.0	7.50	"	30.0		96.5	50-150				
HFPO-DA (Gen-X)	13.5	8.00	"	16.0		84.6	50-150				
11CL-PF3OUdS	78.3	7.56	"	15.1		518	50-150	High Bias			
9CL-PF3ONS	87.9	7.48	"	15.0		588	50-150	High Bias			
ADONA	83.7	7.56	"	15.1		554	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	5.76	1.94	"	7.76		74.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	6.99	1.92	"	7.68		91.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	5.54	5.00	"	32.0		17.3	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	79.4	25.0	"	160		49.6	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	115	25.0	"	160		71.8	50-150				
N-MeFOSE	75.9	20.0	"	80.0		94.9	50-150				
N-MeFOSA	7.71	2.00	"	8.00		96.3	50-150				
N-EtFOSE	75.2	20.0	"	80.0		94.1	50-150				
N-EtFOSA	5.35	2.00	"	8.00		66.8	50-150				
Surrogate: M3PFBS	29.8		"	23.3		128	25-150				
Surrogate: M5PFHxA	30.0		"	25.0		120	25-150				
Surrogate: M4PFHpA	29.8		"	25.0		119	25-150				
Surrogate: M3PFHxS	31.6		"	23.7		133	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	31.6		"	25.0		127	25-150				
Surrogate: M6PFDA	17.4		"	12.5		139	25-150				
Surrogate: M7PFUdA	15.1		"	12.5		121	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BJ41262 - EPA 1633 Prep

LCS (BJ41262-BS2)

Prepared: 10/18/2024 Analyzed: 10/21/2024

Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	13.5		ng/L	12.5		108	25-150				
Surrogate: M2PFTeDA	10.3		"	12.5		82.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	2.61		"	100		2.61	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	31.2		"	24.0		130	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	25.1		"	50.0		50.2	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	22.5		"	25.0		89.9	10-150				
Surrogate: d3-N-MeFOSAA	49.1		"	50.0		98.3	25-150				
Surrogate: d5-N-EtFOSAA	54.0		"	50.0		108	25-150				
Surrogate: M2-6:2 FTS	15.3		"	47.6		32.3	25-200				
Surrogate: M2-8:2 FTS	31.0		"	48.0		64.6	25-200				
Surrogate: M9PFNA	15.3		"	12.5		122	25-150				
Surrogate: M2-4:2 FTS	12.2		"	46.9		26.1	25-150				
Surrogate: d-N-MeFOSA	7.30		"	25.0		29.2	25-150				
Surrogate: d-N-EtFOSA	7.11		"	25.0		28.4	25-150				
Surrogate: M3HFPO-DA	24.2		"	100		24.2	25-150				
Surrogate: d9-N-EtFOSE	145		"	250		57.9	25-150				
Surrogate: d7-N-MeFOSE	155		"	250		61.8	25-150				





Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PF-CCV-H	The CCV recovery for this PFAS compound was above control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



CHAIN OF CUSTODY RECORD

Page 1 of 1

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040

Email: info@phoenixlabs.com
Fax (860) 645-0823

Client Services (860) 645-8726



PHOENIX

Environmental Laboratories, Inc.

Customer: York Analytical Laboratories, Inc.

Address: 132-02 89th Avenue

Richmond Hill, NY

Project #: GCR82666

Report to: HelenG@PhoenixLabs.com / Helen Geoghegan

Invoice to: Accounts Payable@PhoenixIabs.com

Quote# :

Contact Options:

860-645-0823

800-827-5426

HelenG@PhoenixLabs.com

Project P.O.: GCR82666

This section MUST be completed with Bottle Quantities.

[illegible]

Relinquished by:	Accepted by:	Date:	Time:	Turnaround:	Report Type:	EDD Format:	State Criteria:
<i>[Signature]</i>	<i>[Signature]</i>	10/11/24	0720	☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 5 Days ☐ 10 Days ☒ Standard ☐ Other	☒ Standard PDF ☐ Full Data Package ☐ NJ Reduced Deliverable ☐ NJ Full Deliverable ☐ NY ASP B	☐ Excel ☐ GIS/Key ☐ EQUIS ☐ NJ Hazsiste EDD ☐ NY EZ EDD (ASP) ☐ Other	
<i>[Signature]</i>	<i>[Signature]</i>	10/11/24	1040	☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 5 Days ☐ 10 Days ☒ Standard ☐ Other	☐ Standard PDF ☐ Full Data Package ☐ NJ Reduced Deliverable ☐ NJ Full Deliverable ☐ NY ASP B	☐ Excel ☐ GIS/Key ☐ EQUIS ☐ NJ Hazsiste EDD ☐ NY EZ EDD (ASP) ☐ Other	
<i>[Signature]</i>	<i>[Signature]</i>	10/11/24	1200	☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 5 Days ☐ 10 Days ☒ Standard ☐ Other	☐ Standard PDF ☐ Full Data Package ☐ NJ Reduced Deliverable ☐ NJ Full Deliverable ☐ NY ASP B	☐ Excel ☐ GIS/Key ☐ EQUIS ☐ NJ Hazsiste EDD ☐ NY EZ EDD (ASP) ☐ Other	
Comments, Special Requirements or Regulations:							
<i>[Handwritten: 2-2 10/14/24 8:00 2:8]</i>							

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Ref: Purn Dura (01/17) & 2102



Thursday, May 08, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCR81261
Sample ID#s: CR81261 - CR81268

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCR81261



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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NY Analytical Services Protocol Format

May 08, 2025

SDG I.D.: GCR81261

Labella Associates DPC NEWTON

Methodology Summary

Mercury

Methods for Chemical Analyses of Water and Wastes, EPA, Environmental Monitoring Systems Laboratory Cincinnati (EMSL-CL), EPA-600/4-79-020, method 245.1
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7470A.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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NY Analytical Services Protocol Format

May 08, 2025

SDG I.D.: GCR81261

Labella Associates DPC NEWTON

Laboratory Chronicle

The samples in this delivery group were received at 1.8°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CR81261	Arsenic	10/07/24	10/10/24	10/11/24	TH	Y
CR81261	Barium	10/07/24	10/10/24	10/11/24	TH	Y
CR81261	Cadmium	10/07/24	10/10/24	10/11/24	TH	Y
CR81261	Chromium	10/07/24	10/10/24	10/11/24	TH	Y
CR81261	Lead	10/07/24	10/10/24	10/11/24	TH	Y
CR81261	Mercury	10/07/24	10/09/24	10/09/24	ZT	Y
CR81261	Pesticides	10/07/24	10/09/24	10/10/24	AW	Y
CR81261	Polychlorinated Biphenyls	10/07/24	10/09/24	10/10/24	SC	Y
CR81261	Selenium	10/07/24	10/10/24	10/11/24	CPP	Y
CR81261	Semivolatiles	10/07/24	10/09/24	10/11/24	MR	Y
CR81261	Silver	10/07/24	10/10/24	10/11/24	TH	Y
CR81261	Volatiles	10/07/24	10/08/24	10/08/24	MH	Y
CR81262	Arsenic	10/07/24	10/10/24	10/11/24	TH	Y
CR81262	Barium	10/07/24	10/10/24	10/11/24	TH	Y
CR81262	Cadmium	10/07/24	10/10/24	10/11/24	TH	Y
CR81262	Chromium	10/07/24	10/10/24	10/11/24	TH	Y
CR81262	Lead	10/07/24	10/10/24	10/11/24	TH	Y
CR81262	Mercury	10/07/24	10/09/24	10/09/24	ZT	Y
CR81262	Pesticides	10/07/24	10/09/24	10/10/24	AW	Y
CR81262	Polychlorinated Biphenyls	10/07/24	10/09/24	10/10/24	SC	Y
CR81262	Selenium	10/07/24	10/10/24	10/11/24	TH	Y
CR81262	Semivolatiles	10/07/24	10/09/24	10/11/24	MR	Y
CR81262	Silver	10/07/24	10/10/24	10/11/24	TH	Y
CR81262	Volatiles	10/07/24	10/08/24	10/08/24	MH	Y
CR81263	Arsenic	10/07/24	10/10/24	10/11/24	TH	Y
CR81263	Barium	10/07/24	10/10/24	10/11/24	TH	Y
CR81263	Cadmium	10/07/24	10/10/24	10/11/24	TH	Y
CR81263	Chromium	10/07/24	10/10/24	10/11/24	TH	Y
CR81263	Lead	10/07/24	10/10/24	10/11/24	TH	Y
CR81263	Mercury	10/07/24	10/09/24	10/09/24	ZT	Y
CR81263	Pesticides	10/07/24	10/09/24	10/10/24	AW	Y
CR81263	Polychlorinated Biphenyls	10/07/24	10/09/24	10/10/24	SC	Y



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NY Analytical Services Protocol Format

May 08, 2025

SDG I.D.: GCR81261

Labella Associates DPC NEWTON

CR81263	Selenium	10/07/24	10/10/24	10/11/24	CPP	Y
CR81263	Semivolatiles	10/07/24	10/09/24	10/11/24	MR	Y
CR81263	Silver	10/07/24	10/10/24	10/11/24	TH	Y
CR81263	Volatiles	10/07/24	10/09/24	10/09/24	MH	Y
CR81264	Arsenic	10/07/24	10/10/24	10/11/24	TH	Y
CR81264	Barium	10/07/24	10/10/24	10/11/24	TH	Y
CR81264	Cadmium	10/07/24	10/10/24	10/11/24	TH	Y
CR81264	Chromium	10/07/24	10/10/24	10/11/24	TH	Y
CR81264	Lead	10/07/24	10/10/24	10/11/24	TH	Y
CR81264	Mercury	10/07/24	10/09/24	10/09/24	ZT	Y
CR81264	Pesticides	10/07/24	10/09/24	10/10/24	AW	Y
CR81264	Polychlorinated Biphenyls	10/07/24	10/09/24	10/10/24	SC	Y
CR81264	Selenium	10/07/24	10/10/24	10/11/24	CPP	Y
CR81264	Semivolatiles	10/07/24	10/10/24	10/14/24	MR	Y
CR81264	Silver	10/07/24	10/10/24	10/11/24	TH	Y
CR81264	Volatiles	10/07/24	10/09/24	10/09/24	MH	Y
CR81265	Arsenic	10/07/24	10/10/24	10/11/24	TH	Y
CR81265	Barium	10/07/24	10/10/24	10/11/24	TH	Y
CR81265	Cadmium	10/07/24	10/10/24	10/11/24	TH	Y
CR81265	Chromium	10/07/24	10/10/24	10/11/24	TH	Y
CR81265	Lead	10/07/24	10/10/24	10/11/24	TH	Y
CR81265	Mercury	10/07/24	10/09/24	10/09/24	ZT	Y
CR81265	Pesticides	10/07/24	10/09/24	10/17/24	AW	Y
CR81265	Polychlorinated Biphenyls	10/07/24	10/09/24	10/12/24	SC	Y
CR81265	Selenium	10/07/24	10/10/24	10/11/24	CPP	Y
CR81265	Semivolatiles	10/07/24	10/10/24	10/14/24	MR	Y
CR81265	Silver	10/07/24	10/10/24	10/11/24	TH	Y
CR81265	Volatiles	10/07/24	10/09/24	10/09/24	MH	Y
CR81266	Arsenic	10/07/24	10/10/24	10/11/24	TH	Y
CR81266	Barium	10/07/24	10/10/24	10/11/24	TH	Y
CR81266	Cadmium	10/07/24	10/10/24	10/11/24	TH	Y
CR81266	Chromium	10/07/24	10/10/24	10/11/24	TH	Y
CR81266	Lead	10/07/24	10/10/24	10/11/24	TH	Y
CR81266	Mercury	10/07/24	10/09/24	10/09/24	ZT	Y
CR81266	Pesticides	10/07/24	10/09/24	10/10/24	AW	Y
CR81266	Polychlorinated Biphenyls	10/07/24	10/09/24	10/10/24	SC	Y
CR81266	Selenium	10/07/24	10/10/24	10/11/24	CPP	Y



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NY Analytical Services Protocol Format

May 08, 2025

SDG I.D.: GCR81261

Labella Associates DPC NEWTON

CR81266	Semivolatiles	10/07/24	10/10/24	10/14/24	MR	Y
CR81266	Silver	10/07/24	10/10/24	10/11/24	TH	Y
CR81266	Volatiles	10/07/24	10/09/24	10/09/24	MH	Y
CR81267	Arsenic	10/07/24	10/10/24	10/11/24	TH	Y
CR81267	Barium	10/07/24	10/10/24	10/11/24	TH	Y
CR81267	Cadmium	10/07/24	10/10/24	10/11/24	TH	Y
CR81267	Chromium	10/07/24	10/10/24	10/11/24	TH	Y
CR81267	Lead	10/07/24	10/10/24	10/11/24	TH	Y
CR81267	Mercury	10/07/24	10/09/24	10/09/24	AL1	Y
CR81267	Pesticides	10/07/24	10/09/24	10/10/24	AW	Y
CR81267	Polychlorinated Biphenyls	10/07/24	10/09/24	10/10/24	SC	Y
CR81267	Selenium	10/07/24	10/10/24	10/11/24	CPP	Y
CR81267	Semivolatiles	10/07/24	10/10/24	10/14/24	MR	Y
CR81267	Silver	10/07/24	10/10/24	10/11/24	TH	Y
CR81267	Volatiles	10/07/24	10/09/24	10/09/24	MH	Y
CR81268	Volatiles	10/07/24	10/08/24	10/08/24	MH	Y



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

May 08, 2025

SDG I.D.: GCR81261

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Version 3: This report has been revised to include added analysis per client request.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

May 08, 2025

SDG I.D.: GCR81261

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
MW-8	CR81261	GROUND WATER	10/07/24 14:35
MW-12	CR81262	GROUND WATER	10/07/24 10:17
MW-11	CR81263	GROUND WATER	10/07/24 12:23
MW-7	CR81264	GROUND WATER	10/07/24 14:58
MW-9	CR81265	GROUND WATER	10/07/24 13:34
MW-10	CR81266	GROUND WATER	10/07/24 12:00
MW-13	CR81267	GROUND WATER	10/07/24 10:14
TRANSPORT BLANK	CR81268	GROUND WATER	10/07/24 0:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/07/24
10/08/24

Time

14:35
17:16

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81261

Project ID: NEWTON
Client ID: MW-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Arsenic - LDL	0.004	0.004	0.001	mg/L	1	10/11/24	TH	SW6010D
Barium	0.383	0.010	0.001	mg/L	1	10/11/24	TH	SW6010D
Cadmium	0.001	0.004	0.0005	mg/L	1	10/11/24	TH	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Mercury	ND	0.0002	0.00015	mg/L	1	10/09/24	ZT	SW7470A
Lead	ND	0.002	0.001	mg/L	1	10/11/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/11/24	CPP	SW6010D
Mercury Digestion	Completed					10/09/24	AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/09/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/10/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.083	0.083	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.056	0.056	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.11	0.11	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.22	0.22	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	63			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	58			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	49			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	58			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	49			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	50			%	1	10/10/24	SC	30 - 150 %
% TCMX	48			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	51			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/08/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/08/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/08/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/08/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/08/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/08/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	96			%	1	10/08/24	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	10/08/24	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	10/08/24	MH	70 - 130 %
% Toluene-d8	95			%	1	10/08/24	MH	70 - 130 %

Volatile Library Search Completed 05/06/25 HM

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.6	3.6	ug/L	1	10/11/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	5.2	1.6	ug/L	1	10/11/24	MR	SW8270E
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	5.2	1.7	ug/L	1	10/11/24	MR	SW8270E
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	5.2	1.4	ug/L	1	10/11/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dinitrotoluene	ND	5.2	2.0	ug/L	1	10/11/24	MR	SW8270E
2,6-Dinitrotoluene	ND	5.2	1.6	ug/L	1	10/11/24	MR	SW8270E
2-Chloronaphthalene	ND	5.2	1.5	ug/L	1	10/11/24	MR	SW8270E
2-Chlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2-Methylnaphthalene	ND	5.2	1.5	ug/L	1	10/11/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2-Nitroaniline	ND	5.2	2.1	ug/L	1	10/11/24	MR	SW8270E
2-Nitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	5.2	2.5	ug/L	1	10/11/24	MR	SW8270E
3-Nitroaniline	ND	5.2	2.1	ug/L	1	10/11/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	5.2	1.5	ug/L	1	10/11/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
4-Chloroaniline	ND	3.6	2.4	ug/L	1	10/11/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	5.2	1.7	ug/L	1	10/11/24	MR	SW8270E
4-Nitroaniline	ND	5.2	1.7	ug/L	1	10/11/24	MR	SW8270E
4-Nitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Acenaphthene	ND	5.2	1.6	ug/L	1	10/11/24	MR	SW8270E
Acetophenone	ND	5.2	1.6	ug/L	1	10/11/24	MR	SW8270E
Aniline	ND	3.6	3.6	ug/L	1	10/11/24	MR	SW8270E
Anthracene	ND	5.2	1.7	ug/L	1	10/11/24	MR	SW8270E
Benzidine	ND	4.7	3.1	ug/L	1	10/11/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	26	10	ug/L	1	10/11/24	MR	SW8270E
Benzyl butyl phthalate	ND	5.2	1.3	ug/L	1	10/11/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	5.2	1.4	ug/L	1	10/11/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Carbazole	ND	5.2	3.9	ug/L	1	10/11/24	MR	SW8270E
Dibenzofuran	ND	5.2	1.5	ug/L	1	10/11/24	MR	SW8270E
Diethyl phthalate	ND	5.2	1.6	ug/L	1	10/11/24	MR	SW8270E
Dimethylphthalate	ND	5.2	1.6	ug/L	1	10/11/24	MR	SW8270E
Di-n-butylphthalate	ND	5.2	1.4	ug/L	1	10/11/24	MR	SW8270E
Di-n-octylphthalate	ND	5.2	1.3	ug/L	1	10/11/24	MR	SW8270E
Fluoranthene	ND	5.2	1.7	ug/L	1	10/11/24	MR	SW8270E
Fluorene	ND	5.2	1.7	ug/L	1	10/11/24	MR	SW8270E
Hexachloroethane	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Isophorone	ND	5.2	1.5	ug/L	1	10/11/24	MR	SW8270E
Naphthalene	ND	5.2	1.5	ug/L	1	10/11/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	5.2	1.7	ug/L	1	10/11/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	5.2	2.0	ug/L	1	10/11/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.6	2.6	ug/L	1	10/11/24	MR	SW8270E
Phenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Pyrene	ND	5.2	1.8	ug/L	1	10/11/24	MR	SW8270E
Pyridine	ND	10	1.3	ug/L	1	10/11/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	73			%	1	10/11/24	MR	15 - 110 %
% 2-Fluorobiphenyl	64			%	1	10/11/24	MR	30 - 130 %
% 2-Fluorophenol	65			%	1	10/11/24	MR	15 - 110 %
% Nitrobenzene-d5	67			%	1	10/11/24	MR	30 - 130 %
% Phenol-d5	64			%	1	10/11/24	MR	15 - 110 %
% Terphenyl-d14	63			%	1	10/11/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.52	0.52	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.52	0.52	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.52	0.52	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.52	0.52	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.52	0.52	ug/L	1	10/11/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.42	0.42	ug/L	1	10/11/24	MR	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/11/24	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.52	0.52	ug/L	1	10/11/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.52	0.52	ug/L	1	10/11/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	103			%	1	10/11/24	MR	15 - 110 %
% 2-Fluorobiphenyl	70			%	1	10/11/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	88			%	1	10/11/24	MR	15 - 110 %
% Nitrobenzene-d5	78			%	1	10/11/24	MR	30 - 130 %
% Phenol-d5	74			%	1	10/11/24	MR	15 - 110 %
% Terphenyl-d14	91			%	1	10/11/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/07/24 10:17
10/08/24 17:16

Time

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81262

Project ID: NEWTON
Client ID: MW-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	J 0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Arsenic - LDL	0.005	0.004	0.001	mg/L	1	10/11/24	TH	SW6010D
Barium	0.212	0.010	0.001	mg/L	1	10/11/24	TH	SW6010D
Cadmium	0.001	J 0.004	0.0005	mg/L	1	10/11/24	TH	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Mercury	ND	0.002	0.0015	mg/L	1	10/09/24	ZT	SW7470A
Lead	0.004	0.002	0.001	mg/L	1	10/11/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/11/24	TH	SW6010D
Mercury Digestion	Completed					10/09/24	AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/09/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/10/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.083	0.083	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.056	0.056	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.006	0.006	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.011	0.011	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.11	0.11	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.22	0.22	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	59			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	57			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	48			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	58			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.056	0.056	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	47			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	50			%	1	10/10/24	SC	30 - 150 %
% TCMX	54			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	55			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/08/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/08/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/08/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/08/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/08/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/08/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	93			%	1	10/08/24	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/08/24	MH	70 - 130 %
% Dibromofluoromethane	95			%	1	10/08/24	MH	70 - 130 %
% Toluene-d8	94			%	1	10/08/24	MH	70 - 130 %

Volatile Library Search Completed 05/06/25 HM

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	10/11/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	10/11/24	MR	SW8270E
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
2-Chlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2-Nitroaniline	ND	5.0	2.0	ug/L	1	10/11/24	MR	SW8270E
2-Nitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	10/11/24	MR	SW8270E
3-Nitroaniline	ND	5.0	2.0	ug/L	1	10/11/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
4-Chloroaniline	ND	3.5	2.3	ug/L	1	10/11/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
4-Nitroaniline	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
4-Nitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Acenaphthene	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
Acetophenone	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Aniline	ND	3.5	3.5	ug/L	1	10/11/24	MR	SW8270E
Anthracene	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Benzidine	ND	4.5	2.9	ug/L	1	10/11/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	25	10	ug/L	1	10/11/24	MR	SW8270E
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	10/11/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Carbazole	ND	5.0	3.8	ug/L	1	10/11/24	MR	SW8270E
Dibenzofuran	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
Diethyl phthalate	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Dimethylphthalate	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	10/11/24	MR	SW8270E
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	10/11/24	MR	SW8270E
Fluoranthene	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Fluorene	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
Hexachloroethane	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Isophorone	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
Naphthalene	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	10/11/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	10/11/24	MR	SW8270E
Phenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Pyrene	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
Pyridine	ND	10	1.2	ug/L	1	10/11/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	63			%	1	10/11/24	MR	15 - 110 %
% 2-Fluorobiphenyl	60			%	1	10/11/24	MR	30 - 130 %
% 2-Fluorophenol	58			%	1	10/11/24	MR	15 - 110 %
% Nitrobenzene-d5	62			%	1	10/11/24	MR	30 - 130 %
% Phenol-d5	61			%	1	10/11/24	MR	15 - 110 %
% Terphenyl-d14	56			%	1	10/11/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.40	0.40	ug/L	1	10/11/24	MR	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/11/24	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	99			%	1	10/11/24	MR	15 - 110 %
% 2-Fluorobiphenyl	65			%	1	10/11/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	84			%	1	10/11/24	MR	15 - 110 %
% Nitrobenzene-d5	74			%	1	10/11/24	MR	30 - 130 %
% Phenol-d5	67			%	1	10/11/24	MR	15 - 110 %
% Terphenyl-d14	82			%	1	10/11/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/07/24
10/08/24

Time

12:23
17:16

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81263

Project ID: NEWTON
Client ID: MW-11

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Arsenic - LDL	0.002	0.004	0.001	mg/L	1	10/11/24	TH	SW6010D
Barium	0.044	0.010	0.001	mg/L	1	10/11/24	TH	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/11/24	TH	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Mercury	ND	0.002	0.0015	mg/L	1	10/09/24	ZT	SW7470A
Lead	ND	0.002	0.001	mg/L	1	10/11/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/11/24	CPP	SW6010D
Mercury Digestion	Completed					10/09/24	AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/09/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/10/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.073	0.073	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.049	0.049	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.097	0.097	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	69			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	69			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	56			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	73			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.049	0.049	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	53			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	72			%	1	10/10/24	SC	30 - 150 %
% TCMX	57			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	66			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
2-Isopropyltoluene	0.26	J 1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/09/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/09/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/09/24	MH	SW8260D
n-Butylbenzene	0.35	J 1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
sec-Butylbenzene	0.82	J 1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	10/09/24	MH	70 - 130 %
% Bromofluorobenzene	102			%	1	10/09/24	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	10/09/24	MH	70 - 130 %
% Toluene-d8	94			%	1	10/09/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	HM	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	10/11/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	10/11/24	MR	SW8270E
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
2-Chlorophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
2-Nitroaniline	ND	5.0	2.0	ug/L	1	10/11/24	MR	SW8270E
2-Nitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	10/11/24	MR	SW8270E
3-Nitroaniline	ND	5.0	2.0	ug/L	1	10/11/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
4-Chloroaniline	ND	3.5	2.3	ug/L	1	10/11/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
4-Nitroaniline	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
4-Nitrophenol	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Acenaphthene	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
Acetophenone	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Aniline	ND	3.5	3.5	ug/L	1	10/11/24	MR	SW8270E
Anthracene	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Benzidine	ND	4.5	2.9	ug/L	1	10/11/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	25	10	ug/L	1	10/11/24	MR	SW8270E
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	10/11/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Carbazole	ND	5.0	3.8	ug/L	1	10/11/24	MR	SW8270E
Dibenzofuran	ND	5.0	1.5	ug/L	1	10/11/24	MR	SW8270E
Diethyl phthalate	5.9	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Dimethylphthalate	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	10/11/24	MR	SW8270E
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	10/11/24	MR	SW8270E
Fluoranthene	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
Fluorene	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
Hexachloroethane	ND	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Isophorone	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
Naphthalene	ND	5.0	1.4	ug/L	1	10/11/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	10/11/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	10/11/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	10/11/24	MR	SW8270E
Phenol	3.0	1.0	1.0	ug/L	1	10/11/24	MR	SW8270E
Pyrene	ND	5.0	1.7	ug/L	1	10/11/24	MR	SW8270E
Pyridine	ND	10	1.2	ug/L	1	10/11/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	86			%	1	10/11/24	MR	15 - 110 %
% 2-Fluorobiphenyl	68			%	1	10/11/24	MR	30 - 130 %
% 2-Fluorophenol	67			%	1	10/11/24	MR	15 - 110 %
% Nitrobenzene-d5	76			%	1	10/11/24	MR	30 - 130 %
% Phenol-d5	73			%	1	10/11/24	MR	15 - 110 %
% Terphenyl-d14	61			%	1	10/11/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/11/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.40	0.40	ug/L	1	10/11/24	MR	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/11/24	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.50	0.50	ug/L	1	10/11/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Interference			%	1	10/11/24	MR	15 - 110 %
% 2-Fluorobiphenyl	74			%	1	10/11/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	92			%	1	10/11/24	MR	15 - 110 %
% Nitrobenzene-d5	85			%	1	10/11/24	MR	30 - 130 %
% Phenol-d5	80			%	1	10/11/24	MR	15 - 110 %
% Terphenyl-d14	90			%	1	10/11/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/07/24
10/08/24

Time

14:58
17:16

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81264

Project ID: NEWTON
Client ID: MW-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	J 0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Arsenic - LDL	ND	0.004	0.001	mg/L	1	10/11/24	TH	SW6010D
Barium	0.232	0.010	0.001	mg/L	1	10/11/24	TH	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/11/24	TH	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Mercury	ND	0.002	0.0015	mg/L	1	10/09/24	ZT	SW7470A
Lead	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/11/24	CPP	SW6010D
Mercury Digestion	Completed					10/09/24	AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/10/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/10/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.047	0.047	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.094	0.094	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	62			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	61			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	47			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	65			%	1	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	57			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	62			%	1	10/10/24	SC	30 - 150 %
% TCMX	57			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	58			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/09/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/09/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/09/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	93			%	1	10/09/24	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	10/09/24	MH	70 - 130 %
% Dibromofluoromethane	95			%	1	10/09/24	MH	70 - 130 %
% Toluene-d8	93			%	1	10/09/24	MH	70 - 130 %

Volatile Library Search Completed 05/06/25 HM

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.3	3.3	ug/L	1	10/14/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
2-Chloronaphthalene	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
2-Chlorophenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
2-Nitroaniline	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
2-Nitrophenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.2	ug/L	1	10/14/24	MR	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
4-Chloroaniline	ND	3.3	2.2	ug/L	1	10/14/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitrophenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
Acenaphthene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
Acetophenone	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Aniline	ND	3.3	3.3	ug/L	1	10/14/24	MR	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Benzidine	ND	4.3	2.8	ug/L	1	10/14/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.5	ug/L	1	10/14/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	10/14/24	MR	SW8270E
Dibenzofuran	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
Diethyl phthalate	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	10/14/24	MR	SW8270E
Fluoranthene	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Hexachloroethane	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
Isophorone	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	10/14/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/14/24	MR	SW8270E
Phenol	ND	0.95	0.95	ug/L	1	10/14/24	MR	SW8270E
Pyrene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Pyridine	ND	9.5	1.2	ug/L	1	10/14/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	65			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	62			%	1	10/14/24	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	64			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	49			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	53			%	1	10/14/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/14/24	MR	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/14/24	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	82			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	76			%	1	10/14/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	66			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	83			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	57			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	74			%	1	10/14/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time
10/07/24 13:34
10/08/24 17:16

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81265

Project ID: NEWTON
Client ID: MW-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	10/11/24	TH	SW6010D
Arsenic - LDL	0.018	0.004	0.001	mg/L	1	10/11/24	TH	SW6010D
Barium	0.382	0.010	0.001	mg/L	1	10/11/24	TH	SW6010D
Cadmium	0.001	0.004	0.0005	mg/L	1	10/11/24	TH	SW6010D
Chromium	0.003	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Mercury	ND	0.002	0.0015	mg/L	1	10/09/24	ZT	SW7470A
Lead	0.034	0.002	0.001	mg/L	1	10/11/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/11/24	CPP	SW6010D
Mercury Digestion	Completed					10/09/24	AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	P/P	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	P/P	SW3510C
Semi-Volatile Extraction	Completed					10/10/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/10/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/17/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/17/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/17/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/17/24	AW	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Alachlor	ND	0.072	0.072	ug/L	1	10/17/24	AW	SW8081B
Aldrin	ND	0.001	0.001	ug/L	1	10/17/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/17/24	AW	SW8081B
Chlordane	ND	0.048	0.048	ug/L	1	10/17/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/17/24	AW	SW8081B
Dieldrin	ND	0.001	0.001	ug/L	1	10/17/24	AW	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/17/24	AW	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	10/17/24	AW	SW8081B
Methoxychlor	ND	0.096	0.096	ug/L	1	10/17/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/17/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	59			%	1	10/17/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	57			%	1	10/17/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	73			%	1	10/17/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	92			%	1	10/17/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1221	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1232	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1242	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1248	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1254	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1260	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1262	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A
PCB-1268	ND	0.048	0.048	ug/L	1	10/12/24	SC	SW8082A

QA/QC Surrogates

% DCBP	10			%	1	10/12/24	SC	30 - 150 %	3
% DCBP (Confirmation)	8			%	1	10/12/24	SC	30 - 150 %	3
% TCMX	15			%	1	10/12/24	SC	30 - 150 %	3
% TCMX (Confirmation)	15			%	1	10/12/24	SC	30 - 150 %	3

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/09/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/09/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/09/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	94			%	1	10/09/24	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	10/09/24	MH	70 - 130 %
% Dibromofluoromethane	93			%	1	10/09/24	MH	70 - 130 %
% Toluene-d8	95			%	1	10/09/24	MH	70 - 130 %

Volatile Library Search Completed 05/06/25 HM

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	10/14/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.9	1.5	ug/L	1	10/14/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.9	1.6	ug/L	1	10/14/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.9	1.4	ug/L	1	10/14/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.9	1.9	ug/L	1	10/14/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.9	1.5	ug/L	1	10/14/24	MR	SW8270E
2-Chloronaphthalene	ND	4.9	1.4	ug/L	1	10/14/24	MR	SW8270E
2-Chlorophenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2-Methylnaphthalene	ND	4.9	1.5	ug/L	1	10/14/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
2-Nitroaniline	ND	4.9	2.0	ug/L	1	10/14/24	MR	SW8270E
2-Nitrophenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.9	2.3	ug/L	1	10/14/24	MR	SW8270E
3-Nitroaniline	ND	4.9	2.0	ug/L	1	10/14/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.9	1.4	ug/L	1	10/14/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
4-Chloroaniline	ND	3.4	2.3	ug/L	1	10/14/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.9	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitroaniline	ND	4.9	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitrophenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
Acenaphthene	ND	4.9	1.5	ug/L	1	10/14/24	MR	SW8270E
Acetophenone	ND	4.9	1.5	ug/L	1	10/14/24	MR	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	10/14/24	MR	SW8270E
Anthracene	ND	4.9	1.6	ug/L	1	10/14/24	MR	SW8270E
Benzidine	ND	4.4	2.9	ug/L	1	10/14/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	25	9.8	ug/L	1	10/14/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.9	1.3	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.9	1.4	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
Carbazole	ND	4.9	3.7	ug/L	1	10/14/24	MR	SW8270E
Dibenzofuran	ND	4.9	1.4	ug/L	1	10/14/24	MR	SW8270E
Diethyl phthalate	ND	4.9	1.5	ug/L	1	10/14/24	MR	SW8270E
Dimethylphthalate	ND	4.9	1.5	ug/L	1	10/14/24	MR	SW8270E
Di-n-butylphthalate	ND	4.9	1.3	ug/L	1	10/14/24	MR	SW8270E
Di-n-octylphthalate	ND	4.9	1.3	ug/L	1	10/14/24	MR	SW8270E
Fluoranthene	ND	4.9	1.6	ug/L	1	10/14/24	MR	SW8270E
Fluorene	ND	4.9	1.6	ug/L	1	10/14/24	MR	SW8270E
Hexachloroethane	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
Isophorone	ND	4.9	1.4	ug/L	1	10/14/24	MR	SW8270E
Naphthalene	ND	4.9	1.4	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.9	1.6	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.9	1.9	ug/L	1	10/14/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	10/14/24	MR	SW8270E
Phenol	ND	0.98	0.98	ug/L	1	10/14/24	MR	SW8270E
Pyrene	ND	4.9	1.7	ug/L	1	10/14/24	MR	SW8270E
Pyridine	ND	9.8	1.2	ug/L	1	10/14/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	69			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	61			%	1	10/14/24	MR	30 - 130 %
% 2-Fluorophenol	58			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	65			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	51			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	49			%	1	10/14/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.49	0.49	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benz(a)anthracene	0.04	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(a)pyrene	0.04	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.49	0.49	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	0.03	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Chrysene	0.03	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.49	0.49	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.49	0.49	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.49	0.49	ug/L	1	10/14/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	0.04	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.39	0.39	ug/L	1	10/14/24	MR	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/14/24	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.49	0.49	ug/L	1	10/14/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.49	0.49	ug/L	1	10/14/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	81			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	73			%	1	10/14/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	64			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	80			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	57			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	68			%	1	10/14/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

PCB Comment:

Poor surrogate recovery was observed for PCBs. Sample was re-extracted with similar results.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date Time
10/07/24 12:00
10/08/24 17:16

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81266

Project ID: NEWTON
Client ID: MW-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	10/11/24	TH	SW6010D
Arsenic - LDL	0.008	0.004	0.001	mg/L	1	10/11/24	TH	SW6010D
Barium	0.051	0.010	0.001	mg/L	1	10/11/24	TH	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/11/24	TH	SW6010D
Chromium	ND	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Mercury	ND	0.002	0.0015	mg/L	1	10/09/24	ZT	SW7470A
Lead	ND	0.002	0.001	mg/L	1	10/11/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/11/24	CPP	SW6010D
Mercury Digestion	Completed					10/09/24	AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/10/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/10/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.047	0.047	ug/L	10	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.047	0.047	ug/L	10	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.047	0.047	ug/L	10	10/10/24	AW	SW8081B
a-BHC	ND	0.047	0.047	ug/L	10	10/10/24	AW	SW8081B
a-chlordane	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Alachlor	ND	0.70	0.70	ug/L	10	10/10/24	AW	SW8081B
Aldrin	ND	0.014	0.014	ug/L	10	10/10/24	AW	SW8081B
b-BHC	ND	0.047	0.047	ug/L	10	10/10/24	AW	SW8081B
Chlordane	ND	0.47	0.47	ug/L	10	10/10/24	AW	SW8081B
d-BHC	ND	0.047	0.047	ug/L	10	10/10/24	AW	SW8081B
Dieldrin	ND	0.014	0.014	ug/L	10	10/10/24	AW	SW8081B
Endosulfan I	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Endrin	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Endrin ketone	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.047	0.047	ug/L	10	10/10/24	AW	SW8081B
g-chlordane	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Heptachlor	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.094	0.094	ug/L	10	10/10/24	AW	SW8081B
Methoxychlor	ND	0.94	0.94	ug/L	10	10/10/24	AW	SW8081B
Toxaphene	ND	1.9	1.9	ug/L	10	10/10/24	AW	SW8081B

QA/QC Surrogates

%DCBP (Surrogate Rec)	51			%	10	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	101			%	10	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	63			%	10	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	70			%	10	10/10/24	AW	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A

QA/QC Surrogates

% DCBP	35			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	40			%	1	10/10/24	SC	30 - 150 %
% TCMX	62			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	64			%	1	10/10/24	SC	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/09/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/09/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/09/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	96			%	1	10/09/24	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	10/09/24	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	10/09/24	MH	70 - 130 %
% Toluene-d8	95			%	1	10/09/24	MH	70 - 130 %

Volatile Library Search Completed 05/07/25 HM

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	10/14/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
2-Chloronaphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
2-Chlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2-Nitroaniline	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
2-Nitrophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.3	ug/L	1	10/14/24	MR	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
4-Chloroaniline	ND	3.4	2.2	ug/L	1	10/14/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitrophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Acenaphthene	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Acetophenone	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	10/14/24	MR	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Benzidine	ND	4.3	2.8	ug/L	1	10/14/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.6	ug/L	1	10/14/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	10/14/24	MR	SW8270E
Dibenzofuran	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
Diethyl phthalate	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	10/14/24	MR	SW8270E
Fluoranthene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Hexachloroethane	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Isophorone	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	10/14/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/14/24	MR	SW8270E
Phenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Pyrene	ND	4.8	1.7	ug/L	1	10/14/24	MR	SW8270E
Pyridine	ND	9.6	1.2	ug/L	1	10/14/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	72			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	66			%	1	10/14/24	MR	30 - 130 %
% 2-Fluorophenol	64			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	69			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	55			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	55			%	1	10/14/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benz(a)anthracene	0.02	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/14/24	MR	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/14/24	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	89			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	80			%	1	10/14/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	69			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	86			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	60			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	76			%	1	10/14/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date	Time
10/07/24	10:14
10/08/24	17:16

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81267

Project ID: NEWTON
Client ID: MW-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	10/11/24	TH	SW6010D
Arsenic - LDL	0.004	0.004	0.001	mg/L	1	10/11/24	TH	SW6010D
Barium	0.056	0.010	0.001	mg/L	1	10/11/24	TH	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/11/24	TH	SW6010D
Chromium	0.001	0.001	0.001	mg/L	1	10/11/24	TH	SW6010D
Mercury	ND	0.002	0.0015	mg/L	1	10/09/24	AL1	SW7470A
Lead	ND	0.002	0.001	mg/L	1	10/11/24	TH	SW6010D
Selenium	ND	0.010	0.01	mg/L	1	10/11/24	CPP	SW6010D
Mercury Digestion	Completed					10/09/24	AK/AK	SW7470A
PCB Extraction (LDL)	Completed					10/09/24	M/M	SW3510C
Extraction for Pest (LDL)	Completed					10/09/24	M/M	SW3510C
Semi-Volatile Extraction	Completed					10/10/24	Z/MQ	SW3520C
Total Metals Digestion	Completed					10/10/24	AG	SW3010A

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
a-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Alachlor	ND	0.071	0.071	ug/L	1	10/10/24	AW	SW8081B
Aldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Chlordane	ND	0.047	0.047	ug/L	1	10/10/24	AW	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
Dieldrin	ND	0.001	0.001	ug/L	1	10/10/24	AW	SW8081B
Endosulfan I	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Endosulfan II	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endosulfan Sulfate	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin Aldehyde	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Endrin ketone	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/10/24	AW	SW8081B
g-chlordane	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	10/10/24	AW	SW8081B
Methoxychlor	ND	0.094	0.094	ug/L	1	10/10/24	AW	SW8081B
Toxaphene	ND	0.19	0.19	ug/L	1	10/10/24	AW	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	42			%	1	10/10/24	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	44			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec)	47			%	1	10/10/24	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	57			%	1	10/10/24	AW	30 - 150 %
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1221	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1232	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1242	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1248	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1254	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1260	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1262	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
PCB-1268	ND	0.047	0.047	ug/L	1	10/10/24	SC	SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	33			%	1	10/10/24	SC	30 - 150 %
% DCBP (Confirmation)	39			%	1	10/10/24	SC	30 - 150 %
% TCMX	52			%	1	10/10/24	SC	30 - 150 %
% TCMX (Confirmation)	53			%	1	10/10/24	SC	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/09/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/09/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/09/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/09/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/09/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/09/24	MH	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/09/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/09/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/09/24	MH	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	96			%	1	10/09/24	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	10/09/24	MH	70 - 130 %
% Dibromofluoromethane	93			%	1	10/09/24	MH	70 - 130 %
% Toluene-d8	94			%	1	10/09/24	MH	70 - 130 %

Volatile Library Search Completed 05/06/25 HM

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	10/14/24	MR	SW8270E
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
1,2-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
1,3-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
1,4-Dichlorobenzene	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dichlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dimethylphenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
2-Chloronaphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
2-Chlorophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
2-Nitroaniline	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
2-Nitrophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.3	ug/L	1	10/14/24	MR	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	10/14/24	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
4-Chloroaniline	ND	3.4	2.2	ug/L	1	10/14/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
4-Nitrophenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Acenaphthene	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Acetophenone	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	10/14/24	MR	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Benzidine	ND	4.3	2.8	ug/L	1	10/14/24	MR	SW8270E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzoic acid	ND	24	9.6	ug/L	1	10/14/24	MR	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	10/14/24	MR	SW8270E
Dibenzofuran	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
Diethyl phthalate	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	10/14/24	MR	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Di-n-octylphthalate	1.3	J 4.8	1.2	ug/L	1	10/14/24	MR	SW8270E
Fluoranthene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
Hexachloroethane	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Isophorone	ND	4.8	1.3	ug/L	1	10/14/24	MR	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	4.8	1.6	ug/L	1	10/14/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	10/14/24	MR	SW8270E
Pentachloronitrobenzene	ND	2.4	2.4	ug/L	1	10/14/24	MR	SW8270E
Phenol	ND	0.96	0.96	ug/L	1	10/14/24	MR	SW8270E
Pyrene	ND	4.8	1.7	ug/L	1	10/14/24	MR	SW8270E
Pyridine	ND	9.6	1.2	ug/L	1	10/14/24	MR	SW8270E
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	69			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	60			%	1	10/14/24	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	61			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	48			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	49			%	1	10/14/24	MR	30 - 130 %
<u>Semivolatiles</u>								
Acenaphthylene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/14/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	0.38	ug/L	1	10/14/24	MR	SW8270E (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/14/24	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.48	0.48	ug/L	1	10/14/24	MR	SW8270E (SIM)
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	80			%	1	10/14/24	MR	15 - 110 %
% 2-Fluorobiphenyl	73			%	1	10/14/24	MR	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	65			%	1	10/14/24	MR	15 - 110 %
% Nitrobenzene-d5	78			%	1	10/14/24	MR	30 - 130 %
% Phenol-d5	55			%	1	10/14/24	MR	15 - 110 %
% Terphenyl-d14	73			%	1	10/14/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

May 08, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

10/07/24

Time

17:16

Laboratory Data

SDG ID: GCR81261
Phoenix ID: CR81268

Project ID: NEWTON
Client ID: TRANSPORT BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/08/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/08/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromobenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Bromomethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/08/24	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/08/24	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	10/08/24	MH	SW8260D
Naphthalene	ND	1.0	1.0	ug/L	1	10/08/24	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/08/24	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/08/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/08/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/08/24	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/08/24	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	92			%	1	10/08/24	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	10/08/24	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	10/08/24	MH	70 - 130 %

1

Project ID: NEWTON
Client ID: TRANSPORT BLANK

Phoenix I.D.: CR81268

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	1	10/08/24	MH	70 - 130 %
Volatile Library Search	Completed					05/06/25	HM	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 08, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director

CLIENT ID

MW-8

Client: LABELLA

SAS No.:

SDG No.: GCR8126:

Lab Sample ID: CR81261

Lab File ID: 1008_38.D

Date Received: 10/08/24

Date Analyzed: 10/08/24

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

CONCENTRATION UNITS:
(ug/L or ug/KG)

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

MW-12

CLIENT ID

MW-11

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GCR8126:

Matrix:(soil/water) GROUND WATER

Lab Sample ID: CR81263

Sample wt/vol: 25 (g/mL) mL

Lab File ID: 1008_40.D

Level: (low/med)

Date Received: 10/08/24

% Moisture: not dec.	100
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Date Analyzed: 10/09/24

GC Column: RTX-VMS ID: 0.18(mm)

Dilution Factor: 1

Purge Volume: 25000 (uL)

Soil Aliquot Vol (uL): n.a.

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the identification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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TRANSPORT BLANK

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 08, 2025

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 752787 (mg/L), QC Sample No: CR81249 (CR81261, CR81262, CR81263, CR81264, CR81265, CR81266)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	114			75.5			75 - 125	20
QA/QC Batch 752788 (mg/L), QC Sample No: CR81299 (CR81267)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	92.4			98.7			75 - 125	20
QA/QC Batch 753109 (mg/L), QC Sample No: CR81440 (CR81261, CR81262, CR81263, CR81264, CR81265, CR81266, CR81267)													
<u>ICP Metals - Aqueous</u>													
Arsenic	BRL	0.004	<0.004	<0.004	NC	89.5	88.3	1.3	89.7			80 - 120	20
Barium	BRL	0.002	0.053	0.054	1.90	100	98.5	1.5	102			80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	94.2	92.7	1.6	95.4			80 - 120	20
Chromium	BRL	0.001	0.007	0.002	NC	95.5	93.9	1.7	96.2			80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	94.0	92.7	1.4	94.4			80 - 120	20
Selenium	BRL	0.010	<0.010	<0.010	NC	89.4	90.1	0.8	90.6			80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	92.9	90.5	2.6	93.8			70 - 130	30



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

May 08, 2025

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 752870 (ug/L), QC Sample No: CR81261 (CR81261, CR81262, CR81263, CR81264, CR81266, CR81267)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	59	66	11.2				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	98	95	3.1				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	86	%	93	91	2.2				30 - 150	20
% DCBP (Surrogate Rec) (Confirm)	87	%	95	96	1.0				30 - 150	20
% TCMX (Surrogate Rec)	61	%	45	46	2.2				30 - 150	20
% TCMX (Surrogate Rec) (Confirm)	60	%	45	48	6.5				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 753290 (ug/L), QC Sample No: CR81265 (CR81265)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	70	69	1.4				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	71	71	0.0				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	69	%	75	70	6.9				30 - 150	20
% DCBP (Surrogate Rec) (Confirm)	70	%	89	76	15.8				30 - 150	20
% TCMX (Surrogate Rec)	51	%	84	75	11.3				30 - 150	20
% TCMX (Surrogate Rec) (Confirm)	50	%	82	76	7.6				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 752794 (ug/L), QC Sample No: CR81439 (CR81261, CR81262, CR81263, CR81264, CR81266, CR81267)

Pesticides - Ground Water

4,4' -DDD	ND	0.003	85	88	3.5				40 - 140	20
4,4' -DDE	ND	0.003	81	82	1.2				40 - 140	20
4,4' -DDT	ND	0.003	86	88	2.3				40 - 140	20
α-BHC	ND	0.002	74	71	4.1				40 - 140	20
α-Chlordane	ND	0.005	71	79	10.7				40 - 140	20
Alachlor	ND	0.005	NA	NA	NC				40 - 140	20

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Aldrin	ND	0.002	73	76	4.0				40 - 140	20
b-BHC	ND	0.002	73	74	1.4				40 - 140	20
Chlordane	ND	0.050	80	82	2.5				40 - 140	20
d-BHC	ND	0.005	71	72	1.4				40 - 140	20
Dieldrin	ND	0.002	84	87	3.5				40 - 140	20
Endosulfan I	ND	0.005	89	91	2.2				40 - 140	20
Endosulfan II	ND	0.005	92	95	3.2				40 - 140	20
Endosulfan sulfate	ND	0.005	105	105	0.0				40 - 140	20
Endrin	ND	0.005	104	113	8.3				40 - 140	20
Endrin aldehyde	ND	0.005	77	81	5.1				40 - 140	20
Endrin ketone	ND	0.005	84	86	2.4				40 - 140	20
g-BHC	ND	0.002	75	77	2.6				40 - 140	20
g-Chlordane	ND	0.005	80	82	2.5				40 - 140	20
Heptachlor	ND	0.005	75	79	5.2				40 - 140	20
Heptachlor epoxide	ND	0.005	78	79	1.3				40 - 140	20
Methoxychlor	ND	0.005	91	94	3.2				40 - 140	20
Toxaphene	ND	0.20	NA	NA	NC				40 - 140	20
% DCBP	92	%	98	100	2.0				30 - 150	20
% DCBP (Confirmation)	118	%	109	115	5.4				30 - 150	20
% TCMX	69	%	69	70	1.4				30 - 150	20
% TCMX (Confirmation)	102	%	92	92	0.0				30 - 150	20

QA/QC Batch 753737 (ug/L), QC Sample No: CR84149 (CR81265)

Pesticides - Ground Water

4,4' -DDD	ND	0.003	79	71	10.7				40 - 140	20
4,4' -DDE	ND	0.003	82	76	7.6				40 - 140	20
4,4' -DDT	ND	0.003	83	77	7.5				40 - 140	20
a-BHC	ND	0.002	79	74	6.5				40 - 140	20
a-Chlordane	ND	0.005	71	72	1.4				40 - 140	20
Alachlor	ND	0.005	NA	NA	NC				40 - 140	20
Aldrin	ND	0.002	72	65	10.2				40 - 140	20
b-BHC	ND	0.002	71	66	7.3				40 - 140	20
Chlordane	ND	0.050	62	69	10.7				40 - 140	20
d-BHC	ND	0.005	66	64	3.1				40 - 140	20
Dieldrin	ND	0.002	81	74	9.0				40 - 140	20
Endosulfan I	ND	0.005	75	71	5.5				40 - 140	20
Endosulfan II	ND	0.005	77	73	5.3				40 - 140	20
Endosulfan sulfate	ND	0.005	70	65	7.4				40 - 140	20
Endrin	ND	0.005	85	76	11.2				40 - 140	20
Endrin aldehyde	ND	0.005	70	62	12.1				40 - 140	20
Endrin ketone	ND	0.005	78	71	9.4				40 - 140	20
g-BHC	ND	0.002	79	73	7.9				40 - 140	20
g-Chlordane	ND	0.005	62	69	10.7				40 - 140	20
Heptachlor	ND	0.005	81	73	10.4				40 - 140	20
Heptachlor epoxide	ND	0.005	81	78	3.8				40 - 140	20
Methoxychlor	ND	0.005	89	85	4.6				40 - 140	20
Toxaphene	ND	0.20	NA	NA	NC				40 - 140	20
% DCBP	68	%	75	62	19.0				30 - 150	20
% DCBP (Confirmation)	78	%	75	79	5.2				30 - 150	20
% TCMX	62	%	70	61	13.7				30 - 150	20
% TCMX (Confirmation)	77	%	79	81	2.5				30 - 150	20

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:										
A LCS and LCS duplicate were performed instead of a MS and MSD. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS and LCSD										
QA/QC Batch 752924 (ug/L), QC Sample No: CR79555 (CR81261, CR81262, CR81263)										
Semivolatiles - Ground Water										
1,2,4,5-Tetrachlorobenzene	ND	3.5	53	61	14.0				30 - 130	20
1,2,4-Trichlorobenzene	ND	3.5	64	68	6.1				30 - 130	20
1,2-Dichlorobenzene	ND	1.0	61	63	3.2				30 - 130	20
1,2-Diphenylhydrazine	ND	1.6	66	68	3.0				30 - 130	20
1,3-Dichlorobenzene	ND	1.0	62	64	3.2				30 - 130	20
1,4-Dichlorobenzene	ND	1.0	66	71	7.3				30 - 130	20
2,2'-Oxybis(1-Chloropropane)	ND	1.0	57	61	6.8				30 - 130	20
2,4,5-Trichlorophenol	ND	1.0	69	69	0.0				30 - 130	20
2,4,6-Trichlorophenol	ND	1.0	68	73	7.1				30 - 130	20
2,4-Dichlorophenol	ND	1.0	68	73	7.1				30 - 130	20
2,4-Dimethylphenol	ND	1.0	75	84	11.3				30 - 130	20
2,4-Dinitrophenol	ND	1.0	72	74	2.7				30 - 130	20
2,4-Dinitrotoluene	ND	3.5	73	80	9.2				30 - 130	20
2,6-Dinitrotoluene	ND	3.5	69	73	5.6				30 - 130	20
2-Chloronaphthalene	ND	3.5	71	75	5.5				30 - 130	20
2-Chlorophenol	ND	1.0	62	67	7.8				30 - 130	20
2-Methylnaphthalene	ND	3.5	72	77	6.7				30 - 130	20
2-Methylphenol (o-cresol)	ND	1.0	72	77	6.7				30 - 130	20
2-Nitroaniline	ND	3.5	87	95	8.8				30 - 130	20
2-Nitrophenol	ND	1.0	62	71	13.5				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	1.0	69	72	4.3				30 - 130	20
3,3'-Dichlorobenzidine	ND	5.0	33	43	26.3				30 - 130	20
3-Nitroaniline	ND	5.0	61	71	15.2				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	1.0	66	78	16.7				30 - 130	20
4-Bromophenyl phenyl ether	ND	3.5	62	70	12.1				30 - 130	20
4-Chloro-3-methylphenol	ND	1.0	79	85	7.3				30 - 130	20
4-Chloroaniline	ND	3.5	52	58	10.9				30 - 130	20
4-Chlorophenyl phenyl ether	ND	1.0	59	69	15.6				30 - 130	20
4-Nitroaniline	ND	5.0	72	76	5.4				30 - 130	20
4-Nitrophenol	ND	1.0	84	102	19.4				30 - 130	20
Acenaphthene	ND	1.5	74	80	7.8				30 - 130	20
Acetophenone	ND	3.5	67	72	7.2				30 - 130	20
Aniline	ND	3.5	60	61	1.7				30 - 130	20
Anthracene	ND	1.5	72	79	9.3				30 - 130	20
Benzidine	ND	4.5	41	47	13.6				30 - 130	20
Benzoic acid	ND	10	49	58	16.8				30 - 130	20
Benzyl butyl phthalate	ND	1.5	83	82	1.2				30 - 130	20
Bis(2-chloroethoxy)methane	ND	3.5	70	76	8.2				30 - 130	20
Bis(2-chloroethyl)ether	ND	1.0	69	74	7.0				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	1.5	78	80	2.5				30 - 130	20
Carbazole	ND	5.0	73	78	6.6				30 - 130	20
Dibenzofuran	ND	3.5	69	77	11.0				30 - 130	20
Diethyl phthalate	ND	1.5	75	79	5.2				30 - 130	20
Dimethylphthalate	ND	1.5	71	76	6.8				30 - 130	20
Di-n-butylphthalate	ND	1.5	79	79	0.0				30 - 130	20
Di-n-octylphthalate	ND	1.5	77	78	1.3				30 - 130	20
Fluoranthene	ND	1.5	74	82	10.3				30 - 130	20

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Fluorene	ND	1.5	74	84	12.7				30 - 130	20
Hexachloroethane	ND	3.5	60	62	3.3				30 - 130	20
Isophorone	ND	3.5	65	70	7.4				30 - 130	20
Naphthalene	ND	1.5	68	73	7.1				30 - 130	20
N-Nitrosodi-n-propylamine	ND	3.5	65	71	8.8				30 - 130	20
N-Nitrosodiphenylamine	ND	3.5	61	68	10.9				30 - 130	20
Pentachloronitrobenzene	ND	5.0	65	72	10.2				30 - 130	20
Phenol	ND	1.0	73	77	5.3				30 - 130	20
Pyrene	ND	1.5	72	78	8.0				30 - 130	20
Pyridine	ND	5.0	48	48	0.0				30 - 130	20
% 2,4,6-Tribromophenol	62	%	66	73	10.1				15 - 110	20
% 2-Fluorobiphenyl	67	%	63	67	6.2				30 - 130	20
% 2-Fluorophenol	69	%	65	67	3.0				15 - 110	20
% Nitrobenzene-d5	69	%	61	65	6.3				30 - 130	20
% Phenol-d5	67	%	66	69	4.4				15 - 110	20
% Terphenyl-d14	72	%	63	71	11.9				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 753136 (ug/L), QC Sample No: CR81264 (CR81264, CR81265, CR81266, CR81267)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	3.5	62	58	6.7				30 - 130	20	
1,2,4-Trichlorobenzene	ND	3.5	67	61	9.4				30 - 130	20	
1,2-Dichlorobenzene	ND	1.0	62	57	8.4				30 - 130	20	
1,2-Diphenylhydrazine	ND	1.6	72	64	11.8				30 - 130	20	
1,3-Dichlorobenzene	ND	1.0	62	59	5.0				30 - 130	20	
1,4-Dichlorobenzene	ND	1.0	62	58	6.7				30 - 130	20	
2,2'-Oxybis(1-Chloropropane)	ND	1.0	59	55	7.0				30 - 130	20	
2,4,5-Trichlorophenol	ND	1.0	58	52	10.9				30 - 130	20	
2,4,6-Trichlorophenol	ND	1.0	74	67	9.9				30 - 130	20	
2,4-Dichlorophenol	ND	1.0	70	64	9.0				30 - 130	20	
2,4-Dimethylphenol	ND	1.0	57	48	17.1				30 - 130	20	
2,4-Dinitrophenol	ND	1.0	48	36	28.6				30 - 130	20	r
2,4-Dinitrotoluene	ND	3.5	74	68	8.5				30 - 130	20	
2,6-Dinitrotoluene	ND	3.5	70	63	10.5				30 - 130	20	
2-Chloronaphthalene	ND	3.5	69	61	12.3				30 - 130	20	
2-Chlorophenol	ND	1.0	68	62	9.2				30 - 130	20	
2-Methylnaphthalene	ND	3.5	79	72	9.3				30 - 130	20	
2-Methylphenol (o-cresol)	ND	1.0	63	55	13.6				30 - 130	20	
2-Nitroaniline	ND	3.5	65	59	9.7				30 - 130	20	
2-Nitrophenol	ND	1.0	77	67	13.9				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	1.0	58	49	16.8				30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	10	10	0.0				30 - 130	20	i
3-Nitroaniline	ND	5.0	32	33	3.1				30 - 130	20	
4,6-Dinitro-2-methylphenol	ND	1.0	62	55	12.0				30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	69	67	2.9				30 - 130	20	
4-Chloro-3-methylphenol	ND	1.0	38	32	17.1				30 - 130	20	
4-Chloroaniline	ND	3.5	<10	<10	NC				30 - 130	20	i
4-Chlorophenyl phenyl ether	ND	1.0	70	63	10.5				30 - 130	20	
4-Nitroaniline	ND	5.0	72	64	11.8				30 - 130	20	
4-Nitrophenol	ND	1.0	48	27	56.0				30 - 130	20	i,r

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acenaphthene	ND	1.5	68	62	9.2				30 - 130	20
Acetophenone	ND	3.5	69	64	7.5				30 - 130	20
Aniline	ND	3.5	48	44	8.7				30 - 130	20
Anthracene	ND	1.5	67	61	9.4				30 - 130	20
Benzidine	ND	4.5	<10	<10	NC				30 - 130	20
Benzoic acid	ND	10	33	30	9.5				30 - 130	20
Benzyl butyl phthalate	ND	1.5	72	66	8.7				30 - 130	20
Bis(2-chloroethoxy)methane	ND	3.5	93	67	32.5				30 - 130	20
Bis(2-chloroethyl)ether	ND	1.0	71	65	8.8				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	1.5	74	68	8.5				30 - 130	20
Carbazole	ND	5.0	69	63	9.1				30 - 130	20
Dibenzofuran	ND	3.5	68	61	10.9				30 - 130	20
Diethyl phthalate	ND	1.5	75	68	9.8				30 - 130	20
Dimethylphthalate	ND	1.5	72	66	8.7				30 - 130	20
Di-n-butylphthalate	ND	1.5	77	68	12.4				30 - 130	20
Di-n-octylphthalate	ND	1.5	80	72	10.5				30 - 130	20
Fluoranthene	ND	1.5	70	62	12.1				30 - 130	20
Fluorene	ND	1.5	72	65	10.2				30 - 130	20
Hexachloroethane	ND	3.5	63	59	6.6				30 - 130	20
Isophorone	ND	3.5	66	60	9.5				30 - 130	20
Naphthalene	ND	1.5	67	62	7.8				30 - 130	20
N-Nitrosodi-n-propylamine	ND	3.5	73	67	8.6				30 - 130	20
N-Nitrosodiphenylamine	ND	3.5	57	51	11.1				30 - 130	20
Pentachloronitrobenzene	ND	5.0	74	69	7.0				30 - 130	20
Phenol	ND	1.0	59	52	12.6				30 - 130	20
Pyrene	ND	1.5	70	60	15.4				30 - 130	20
Pyridine	ND	5.0	<10	<10	NC				30 - 130	20
% 2,4,6-Tribromophenol	68	%	85	71	17.9				15 - 110	20
% 2-Fluorobiphenyl	64	%	65	59	9.7				30 - 130	20
% 2-Fluorophenol	69	%	55	50	9.5				15 - 110	20
% Nitrobenzene-d5	64	%	66	63	4.7				30 - 130	20
% Phenol-d5	64	%	60	54	10.5				15 - 110	20
% Terphenyl-d14	65	%	63	55	13.6				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 752924 (ug/L), QC Sample No: CR79555 (CR81261, CR81262, CR81263)

Semivolatiles (SIM) - Ground Water

Acenaphthylene	ND	0.50	56	65	14.9				30 - 130	20
Benz(a)anthracene	ND	0.50	84	98	15.4				30 - 130	20
Benzo(a)pyrene	ND	0.50	75	86	13.7				30 - 130	20
Benzo(b)fluoranthene	ND	0.50	76	89	15.8				30 - 130	20
Benzo(ghi)perylene	ND	0.50	67	78	15.2				30 - 130	20
Benzo(k)fluoranthene	ND	0.50	72	86	17.7				30 - 130	20
Chrysene	ND	0.50	69	80	14.8				30 - 130	20
Dibenz(a,h)anthracene	ND	0.50	73	85	15.2				30 - 130	20
Hexachlorobenzene	ND	0.50	56	68	19.4				30 - 130	20
Hexachlorobutadiene	ND	0.50	64	72	11.8				30 - 130	20
Hexachlorocyclopentadiene	ND	0.50	27	31	13.8				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.50	74	86	15.0				30 - 130	20
Nitrobenzene	ND	0.50	60	66	9.5				30 - 130	20

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
N-Nitrosodimethylamine	ND	0.05	67	81	18.9				30 - 130	20
Pentachlorophenol	ND	0.50	75	80	6.5				30 - 130	20
Phenanthrene	ND	0.50	60	70	15.4				30 - 130	20
% 2,4,6-Tribromophenol	86	%	82	94	13.6				15 - 110	20
% 2-Fluorobiphenyl	72	%	53	62	15.7				30 - 130	20
% 2-Fluorophenol	85	%	59	67	12.7				15 - 110	20
% Nitrobenzene-d5	76	%	66	73	10.1				30 - 130	20
% Phenol-d5	75	%	60	70	15.4				15 - 110	20
% Terphenyl-d14	96	%	73	85	15.2				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 753136 (ug/L), QC Sample No: CR81264 (CR81264, CR81265, CR81266, CR81267)

Semivolatiles (SIM) - Ground Water

Acenaphthylene	ND	0.50	56	51	9.3				30 - 130	20
Benz(a)anthracene	ND	0.50	72	65	10.2				30 - 130	20
Benzo(a)pyrene	ND	0.50	77	70	9.5				30 - 130	20
Benzo(b)fluoranthene	ND	0.50	68	63	7.6				30 - 130	20
Benzo(ghi)perylene	ND	0.50	68	65	4.5				30 - 130	20
Benzo(k)fluoranthene	ND	0.50	67	61	9.4				30 - 130	20
Chrysene	ND	0.50	62	57	8.4				30 - 130	20
Dibenz(a,h)anthracene	ND	0.50	71	69	2.9				30 - 130	20
Hexachlorobenzene	ND	0.50	57	51	11.1				30 - 130	20
Hexachlorobutadiene	ND	0.50	61	55	10.3				30 - 130	20
Hexachlorocyclopentadiene	ND	0.50	30	26	14.3				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.50	74	69	7.0				30 - 130	20
Nitrobenzene	ND	0.50	63	58	8.3				30 - 130	20
N-Nitrosodimethylamine	ND	0.05	70	73	4.2				30 - 130	20
Pentachlorophenol	ND	0.50	59	49	18.5				30 - 130	20
Phenanthrene	ND	0.50	62	56	10.2				30 - 130	20
% 2,4,6-Tribromophenol	68	%	76	66	14.1				15 - 110	20
% 2-Fluorobiphenyl	73	%	61	57	6.8				30 - 130	20
% 2-Fluorophenol	65	%	53	49	7.8				15 - 110	20
% Nitrobenzene-d5	76	%	72	65	10.2				30 - 130	20
% Phenol-d5	54	%	53	48	9.9				15 - 110	20
% Terphenyl-d14	74	%	70	63	10.5				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 753246 (ug/L), QC Sample No: CR81426 (CR81261, CR81262, CR81263, CR81264, CR81265, CR81266, CR81267, CR81268)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	98	107	8.8				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	100	105	4.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	88	99	11.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	84	99	16.4				70 - 130	30
1,1-Dichloroethane	ND	1.0	100	108	7.7				70 - 130	30
1,1-Dichloroethene	ND	1.0	99	103	4.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	103	105	1.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	88	100	12.8				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	93	100	7.3				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	93	104	11.2				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	110	112	1.8				70 - 130	30

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dibromo-3-chloropropane	ND	1.0	84	98	15.4				70 - 130	30
1,2-Dibromoethane	ND	1.0	90	101	11.5				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	106	5.8				70 - 130	30
1,2-Dichloroethane	ND	1.0	88	99	11.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	94	105	11.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	112	114	1.8				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	102	107	4.8				70 - 130	30
1,3-Dichloropropane	ND	1.0	91	101	10.4				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	102	107	4.8				70 - 130	30
2,2-Dichloropropane	ND	1.0	101	105	3.9				70 - 130	30
2-Chlorotoluene	ND	1.0	109	113	3.6				70 - 130	30
2-Hexanone	ND	5.0	76	89	15.8				70 - 130	30
2-Isopropyltoluene	ND	1.0	110	115	4.4				70 - 130	30
4-Chlorotoluene	ND	1.0	109	112	2.7				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	76	88	14.6				70 - 130	30
Acetone	ND	5.0	76	92	19.0				70 - 130	30
Acrolein	ND	5.0	82	99	18.8				70 - 130	30
Acrylonitrile	ND	5.0	76	92	19.0				70 - 130	30
Benzene	ND	0.70	102	108	5.7				70 - 130	30
Bromobenzene	ND	1.0	105	110	4.7				70 - 130	30
Bromochloromethane	ND	1.0	87	99	12.9				70 - 130	30
Bromodichloromethane	ND	0.50	91	103	12.4				70 - 130	30
Bromoform	ND	1.0	85	100	16.2				70 - 130	30
Bromomethane	ND	1.0	75	79	5.2				70 - 130	30
Carbon Disulfide	ND	1.0	103	108	4.7				70 - 130	30
Carbon tetrachloride	ND	1.0	99	104	4.9				70 - 130	30
Chlorobenzene	ND	1.0	101	107	5.8				70 - 130	30
Chloroethane	ND	1.0	111	116	4.4				70 - 130	30
Chloroform	ND	1.0	97	106	8.9				70 - 130	30
Chloromethane	ND	1.0	114	121	6.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	97	106	8.9				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	91	103	12.4				70 - 130	30
Dibromochloromethane	ND	0.50	90	103	13.5				70 - 130	30
Dibromomethane	ND	1.0	85	99	15.2				70 - 130	30
Dichlorodifluoromethane	ND	1.0	99	104	4.9				70 - 130	30
Ethylbenzene	ND	1.0	107	110	2.8				70 - 130	30
Hexachlorobutadiene	ND	0.40	103	105	1.9				70 - 130	30
Isopropylbenzene	ND	1.0	115	114	0.9				70 - 130	30
m&p-Xylene	ND	1.0	107	111	3.7				70 - 130	30
Methyl ethyl ketone	ND	5.0	73	86	16.4				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	76	92	19.0				70 - 130	30
Methylene chloride	ND	1.0	91	100	9.4				70 - 130	30
Naphthalene	ND	1.0	88	104	16.7				70 - 130	30
n-Butylbenzene	ND	1.0	108	110	1.8				70 - 130	30
n-Propylbenzene	ND	1.0	112	115	2.6				70 - 130	30
o-Xylene	ND	1.0	105	111	5.6				70 - 130	30
p-Isopropyltoluene	ND	1.0	108	111	2.7				70 - 130	30
sec-Butylbenzene	ND	1.0	107	109	1.9				70 - 130	30
Styrene	ND	1.0	101	109	7.6				70 - 130	30
tert-Butylbenzene	ND	1.0	111	112	0.9				70 - 130	30
Tetrachloroethene	ND	1.0	100	104	3.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	69	82	17.2				70 - 130	30
Toluene	ND	1.0	102	108	5.7				70 - 130	30

QA/QC Data

SDG I.D.: GCR81261

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,2-Dichloroethene	ND	1.0	102	108	5.7				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	86	102	17.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	83	100	18.6				70 - 130	30
Trichloroethene	ND	1.0	100	108	7.7				70 - 130	30
Trichlorofluoromethane	ND	1.0	95	99	4.1				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	96	98	2.1				70 - 130	30
Vinyl chloride	ND	1.0	102	107	4.8				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	96	100	4.1				70 - 130	30
% Bromofluorobenzene	99	%	97	98	1.0				70 - 130	30
% Dibromofluoromethane	95	%	88	91	3.4				70 - 130	30
% Toluene-d8	94	%	101	100	1.0				70 - 130	30

Comment:

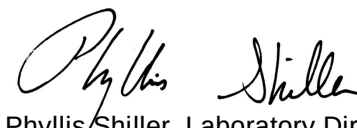
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


 Phyllis Shiller, Laboratory Director
 May 08, 2025

Thursday, May 08, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR81261 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
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NY Temperature Narration

May 08, 2025

SDG I.D.: GCR81261

The samples in this delivery group were received at 1.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐
Temp 18° C Pg of

Contact Options:

Phone: ☐
Fax: ☐
Email: ☐

Customer: LABELLA

Address: 5 MCCREA HILL RD
BALLSTON SPA, NY

Project: NEWTON

Report to: TROLLEND@LABELLAPC.COM

Invoice to: LaBrilla

QUOTE #: LA050724RM

Project P.O.: NEWTON

This section **MUST** be completed with Bottle Quantities.

Sampler's Signature Makrina Nolan Date: 10-7-24

Matrix Code: GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
B=Bulk L=Liquid

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
812601	MW-8	GW	10-7-24	1435
812602	MW-12			1017
812603	MW-11			1223
812604	MW-7			1458
812605	MW-9			1334
812606	MW-10			1200
812607	MW-13			1014
812608	transport blank			

Analysis Request

MS/MSD (may be billed at analysis unit rate)

VOCs by 8260

PCBs by 8082

PCBs by 8081

1,4-Dioxane by 8270 SIM

PFAS by 1633

Soil VOA Vials: [w/ PO] [MAHSD]

GL Soil container ()oz

GL Amber 100ml Vial [As Is] [HCl]

PL As Is [250ml] [1500ml]

PL MAOH 250ml

Bacteria Bottle w/10

Bacteria Bottle w/10

Relinquished by: [Signature] Accepted by: [Signature] Date: 10/18/24

Comments, Special Requirements or Regulations: 10/18/24 17:10

CAT B DELIVERABLES ☒ Phoenix Std Report ☐ EQuIS

☒ Excel ☐ NJ Hazsite EDD

☒ PDF ☐ NY EZ EDD (ASP)

☐ GIS/Key ☐ Other

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*

☒ Standard ☐ SURCHARGE APPLIES

Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil Cleanup Criteria ☐ Impact to GW soil screen Criteria ☐ GW Criteria

TOGS GW ☐ CP-51 SOIL ☐ 375SSCO ☐ Unrestricted Soil ☐ 375SSCO ☐ Residential Soil ☐ 375SSCO ☐ Residential Restricted Soil ☐ 375SSCO ☐ Commercial Soil ☐ 375SSCO ☐ Industrial Soil ☐ Subpart 5 DW

PA ☐ Clean Fill Limits ☐ PA-GW ☐ Reg Fill Limits ☐ PA Soil Restricted ☐ PA Soil non-restricted

State Samples Collected? ☒ NY

Rebecca Merz

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Thursday, May 1, 2025 9:56 AM
To: Rebecca Merz
Subject: RE: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Rebecca,

The list is complete. Revised CATA reports will work.

Thank you,
Todd

Todd Rollend
LaBella Associates | Project Manager | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

From: Rebecca Merz <Rebeccam@phoenixlabs.com>
Sent: Wednesday, April 30, 2025 4:45 PM
To: Rollend, Todd <TRollend@LaBellaPC.com>
Subject: [Ext] Add TICs VOC's (82260) Soi & GW - Newton

Hi Todd,

Please confirm you would like us to proceed with adding TICs to all 8260 samples for this project GW and Soil matrices. The standard lab report will be revised to include Form 1E Volatile Organics Analysis Data Sheet Tentatively Identified Compounds. No raw data would accompany the form.

GCR45184
GCR46087
GCR47003
GCR48033
GCR48041
GCR50329
GCR81261
GCR82666

Thank you,



Attachment 11

SVI Laboratory Analytical Reports



Tuesday, February 25, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCS24309
Sample ID#s: CS24309 - CS24324

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCS24309



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

February 25, 2025

SDG I.D.: GCS24309

Labella Associates DPC NEWTON

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

February 25, 2025

SDG I.D.: GCS24309

Labella Associates DPC NEWTON

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS24309	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS24310	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS24311	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24312	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24313	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS24314	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS24315	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS24316	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24317	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24318	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS24319	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24320	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24321	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24322	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24323	Volatiles (TO15)	12/05/24	12/11/24	12/11/24	KCA	Y
CS24324	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y



Environmental Laboratories, Inc.
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SDG Comments

February 25, 2025

SDG I.D.: GCS24309

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

February 25, 2025

SDG I.D.: GCS24309

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
IA-14	CS24309	AIR	12/05/24 19:13
OA-2	CS24310	AIR	12/05/24 18:23
SS-14	CS24311	AIR	12/05/24 19:14
SS-8	CS24312	AIR	12/05/24 17:56
IA-13	CS24313	AIR	12/05/24 16:41
IA-20	CS24314	AIR	12/05/24 16:32
IA-8	CS24315	AIR	12/05/24 17:55
SS-13	CS24316	AIR	12/05/24 16:40
SS-20	CS24317	AIR	12/05/24 16:31
IA-21	CS24318	AIR	12/05/24 17:41
SS-1	CS24319	AIR	12/05/24 17:11
IA-12	CS24320	AIR	12/05/24 17:30
SS-21	CS24321	AIR	12/05/24 17:40
IA-9	CS24322	AIR	12/05/24 17:30
IA-1	CS24323	AIR	12/05/24 17:12
IA-18	CS24324	AIR	12/05/24 17:22



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 23334

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

19:13
17:25

Project ID: NEWTON
Client ID: IA-14

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24309

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	10.7	0.421	0.421	25.4	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.077	0.032	0.032	0.48	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	0.264	0.205	0.205	1.29	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.652	0.485	0.485	1.35	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.409	0.202	0.202	2.02	1.00	1.00	12/10/24	KCA	1
Ethanol	462	E 0.531	0.531	870	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	0.351	0.278	0.278	1.26	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	0.280	0.244	0.244	1.15	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	141	E 0.407	0.407	346	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	0.714	0.339	0.339	2.10	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	0.081	0.037	0.037	0.55	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1 1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	0.437	0.178	0.178	2.45	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	111	%	%	111	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	91	%	%	91	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	90	%	%	90	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	89	%	%	89	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28622

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

18:23
17:25

Project ID: NEWTON
Client ID: OA-2

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24310

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	1.88	0.421	0.421	4.46	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.071	0.032	0.032	0.45	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.594	0.485	0.485	1.23	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.379	0.202	0.202	1.87	1.00	1.00	12/10/24	KCA	1
Ethanol	3.63	0.531	0.531	6.84	1.00	1.00	12/10/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	0.625	0.407	0.407	1.54	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	0.244	0.178	0.178	1.37	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	110	%	%	110	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	99	%	%	99	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	102	%	%	102	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	97	%	%	97	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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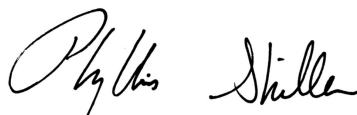
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 23345

Project ID: NEWTON
Client ID: SS-14

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

19:14
17:25

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24311

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/11/24	KCA	5
1,2,4-Trimethylbenzene	1.08	1.02	1.02	5.31	5.01	5.01	12/11/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/11/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/11/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/11/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
Acetone	25.0	2.11	2.11	59.3	5.01	5.01	12/11/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/11/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/11/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/11/24	KCA	5	
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/11/24	KCA	5	
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/11/24	KCA	5	
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/11/24	KCA	5	
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/11/24	KCA	5	
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/11/24	KCA	5	
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/11/24	KCA	5	
Chloroform	33.0	1.02	1.02	161	4.98	4.98	12/11/24	KCA	5	
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/11/24	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5	
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/11/24	KCA	5	
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/11/24	KCA	5	
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/11/24	KCA	5	
Ethanol	298	E 2.66	2.66	561	5.01	5.01	12/11/24	KCA	5	1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5	1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5	
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/11/24	KCA	5	
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/11/24	KCA	5	
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/11/24	KCA	5	
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/11/24	KCA	5	
Isopropylalcohol	25.5	2.04	2.04	62.6	5.01	5.01	12/11/24	KCA	5	
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5	
m,p-Xylene	1.89	1.15	1.15	8.20	4.99	4.99	12/11/24	KCA	5	
Methyl Ethyl Ketone	4.41	1.70	1.70	13.0	5.01	5.01	12/11/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5	
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/11/24	KCA	5	
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/11/24	KCA	5	
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5	1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5	
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/11/24	KCA	5	1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5	1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/11/24	KCA	5	
Tetrachloroethene	0.410	0.184	0.184	2.78	1.25	1.25	12/11/24	KCA	5	
Tetrahydrofuran	12.2	1.70	1.70	36.0	5.01	5.01	12/11/24	KCA	5	1
Toluene	1.84	1.33	1.33	6.93	5.01	5.01	12/11/24	KCA	5	
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/11/24	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5	
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/11/24	KCA	5	
Trichlorofluoromethane	1.96	0.891	0.891	11.0	5.00	5.00	12/11/24	KCA	5	
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/11/24	KCA	5	
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/11/24	KCA	5	
<u>QA/QC Surrogates/Internals</u>										
% Bromofluorobenzene (5x)	112	%	%	112	%	%	12/11/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	89	%	%	89	%	%	12/11/24	KCA	5	
% IS-Bromochloromethane (5x)	85	%	%	85	%	%	12/11/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	87	%	%	87	%	%	12/11/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28555

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 17:56
12/10/24 17:25

Time

Project ID: NEWTON
Client ID: SS-8

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24312

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/11/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/11/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/11/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/11/24	KCA	5
1,3-Dichlorobenzene	2.15	0.832	0.832	12.9	5.00	5.00	12/11/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
4-Methyl-2-pentanone(MIBK)	4.41	1.22	1.22	18.1	4.99	4.99	12/11/24	KCA	5
Acetone	94.8	2.11	2.11	225	5.01	5.01	12/11/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/11/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/11/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/11/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/11/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/11/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/11/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/11/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/11/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/11/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/11/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/11/24	KCA	5
Cis-1,2-Dichloroethene	2.25	0.252	0.252	8.92	1.00	1.00	12/11/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/11/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/11/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/11/24	KCA	5
Ethanol	86.7	2.66	2.66	163	5.01	5.01	12/11/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/11/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/11/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/11/24	KCA	5
Isooctane	1.41	1.07	1.07	6.57	4.99	4.99	12/11/24	KCA	5
Isopropylalcohol	42.8	2.04	2.04	105	5.01	5.01	12/11/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
m,p-Xylene	1.36	1.15	1.15	5.90	4.99	4.99	12/11/24	KCA	5
Methyl Ethyl Ketone	8.46	1.70	1.70	24.9	5.01	5.01	12/11/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/11/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/11/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/11/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/11/24	KCA	5
Tetrachloroethene	51.8	0.184	0.184	351	1.25	1.25	12/11/24	KCA	5
Tetrahydrofuran	9.27	1.70	1.70	27.3	5.01	5.01	12/11/24	KCA	5 1
Toluene	1.80	1.33	1.33	6.78	5.01	5.01	12/11/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/11/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Trichloroethene	3.91	0.185	0.185	21.0	0.99	0.99	12/11/24	KCA	5
Trichlorofluoromethane	41.1	0.891	0.891	231	5.00	5.00	12/11/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/11/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/11/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	110	%	%	110	%	%	12/11/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	92	%	%	92	%	%	12/11/24	KCA	5
% IS-Bromochloromethane (5x)	93	%	%	93	%	%	12/11/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	88	%	%	88	%	%	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 18259

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 16:41
12/10/24 17:25

Time

Project ID: NEWTON
Client ID: IA-13

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24313

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	5.91	0.421	0.421	14.0	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.074	0.032	0.032	0.47	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.646	0.485	0.485	1.33	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.402	0.202	0.202	1.99	1.00	1.00	12/10/24	KCA	1
Ethanol	146	E 0.531	0.531	275	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	0.843	0.278	0.278	3.04	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	0.444	0.284	0.284	1.56	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	13.0	0.407	0.407	31.9	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	0.402	0.339	0.339	1.18	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	0.199	0.037	0.037	1.35	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1 1
Toluene	0.823	0.266	0.266	3.10	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	0.195	0.037	0.037	1.05	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	2.69	0.178	0.178	15.1	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	112	%	%	112	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	86	%	%	86	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	90	%	%	90	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	82	%	%	82	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28589

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

16:32
17:25

Project ID: NEWTON
Client ID: IA-20

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24314

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	12.9	0.421	0.421	30.6	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.071	0.032	0.032	0.45	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.678	0.485	0.485	1.40	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.420	0.202	0.202	2.08	1.00	1.00	12/10/24	KCA	1
Ethanol	132	E 0.531	0.531	249	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	205	E 0.407	0.407	504	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	0.282	0.230	0.230	1.22	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	0.395	0.339	0.339	1.16	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	0.359	0.339	0.339	1.06	1.00	1.00	12/10/24	KCA	1 1
Toluene	0.268	0.266	0.266	1.01	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	0.611	0.178	0.178	3.43	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	108	%	%	108	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	93	%	%	93	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	92	%	%	92	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	94	%	%	94	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 172

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

17:55
17:25

Project ID: NEWTON
Client ID: IA-8

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24315

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	10.8	0.421	0.421	25.6	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.076	0.032	0.032	0.48	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.650	0.485	0.485	1.34	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.429	0.202	0.202	2.12	1.00	1.00	12/10/24	KCA	1
Ethanol	72.7	E 0.531	0.531	137	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	6.03	0.407	0.407	14.8	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	0.483	0.339	0.339	1.42	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	0.097	0.037	0.037	0.66	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1 1
Toluene	0.331	0.266	0.266	1.25	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	0.861	0.178	0.178	4.83	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	108	%	%	108	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	92	%	%	92	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	93	%	%	93	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	92	%	%	92	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 23332

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 16:40
12/10/24 17:25

Time

Project ID: NEWTON
Client ID: SS-13

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24316

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/11/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/11/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/11/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/11/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
Acetone	28.6	2.11	2.11	67.9	5.01	5.01	12/11/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/11/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/11/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/11/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/11/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/11/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/11/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/11/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/11/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/11/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/11/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/11/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/11/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/11/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/11/24	KCA	5
Ethanol	88.1	2.66	2.66	166	5.01	5.01	12/11/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/11/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/11/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/11/24	KCA	5
Isooctane	1.49	1.07	1.07	6.94	4.99	4.99	12/11/24	KCA	5
Isopropylalcohol	36.8	2.04	2.04	90.4	5.01	5.01	12/11/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
m,p-Xylene	1.72	1.15	1.15	7.46	4.99	4.99	12/11/24	KCA	5
Methyl Ethyl Ketone	5.10	1.70	1.70	15.0	5.01	5.01	12/11/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/11/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/11/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/11/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/11/24	KCA	5
Tetrachloroethene	0.275	0.184	0.184	1.86	1.25	1.25	12/11/24	KCA	5
Tetrahydrofuran	11.5	1.70	1.70	33.9	5.01	5.01	12/11/24	KCA	5 1
Toluene	2.57	1.33	1.33	9.7	5.01	5.01	12/11/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/11/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/11/24	KCA	5
Trichlorofluoromethane	8.92	0.891	0.891	50.1	5.00	5.00	12/11/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/11/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/11/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	110	%	%	110	%	%	12/11/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	100	%	%	100	%	%	12/11/24	KCA	5
% IS-Bromochloromethane (5x)	98	%	%	98	%	%	12/11/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	97	%	%	97	%	%	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 353

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 16:31
12/10/24 17:25

Time

Project ID: NEWTON
Client ID: SS-20

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24317

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/11/24	KCA	5
1,2,4-Trimethylbenzene	1.36	1.02	1.02	6.68	5.01	5.01	12/11/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/11/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/11/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/11/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
4-Ethyltoluene	1.20	1.02	1.02	5.90	5.01	5.01	12/11/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
Acetone	20.7	2.11	2.11	49.1	5.01	5.01	12/11/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/11/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/11/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/11/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/11/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/11/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/11/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/11/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/11/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/11/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/11/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/11/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/11/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/11/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/11/24	KCA	5
Ethanol	37.5	2.66	2.66	70.6	5.01	5.01	12/11/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/11/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/11/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/11/24	KCA	5
Isooctane	1.46	1.07	1.07	6.80	4.99	4.99	12/11/24	KCA	5
Isopropylalcohol	46.3	2.04	2.04	114	5.01	5.01	12/11/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
m,p-Xylene	2.90	1.15	1.15	12.6	4.99	4.99	12/11/24	KCA	5
Methyl Ethyl Ketone	5.17	1.70	1.70	15.2	5.01	5.01	12/11/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/11/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/11/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
o-Xylene	1.21	1.15	1.15	5.25	4.99	4.99	12/11/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/11/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/11/24	KCA	5
Tetrachloroethene	0.390	0.184	0.184	2.64	1.25	1.25	12/11/24	KCA	5
Tetrahydrofuran	10.3	1.70	1.70	30.4	5.01	5.01	12/11/24	KCA	5 1
Toluene	2.52	1.33	1.33	9.49	5.01	5.01	12/11/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/11/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Trichloroethene	0.505	0.185	0.185	2.71	0.99	0.99	12/11/24	KCA	5
Trichlorofluoromethane	2.65	0.891	0.891	14.9	5.00	5.00	12/11/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/11/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/11/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	109	%	%	109	%	%	12/11/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	93	%	%	93	%	%	12/11/24	KCA	5
% IS-Bromochloromethane (5x)	90	%	%	90	%	%	12/11/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	93	%	%	93	%	%	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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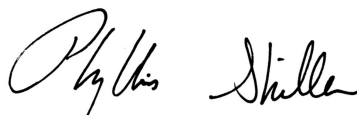
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49248

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 17:41
12/10/24 17:25

Time

Project ID: NEWTON
Client ID: IA-21

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24318

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	5.72	0.421	0.421	13.6	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.071	0.032	0.032	0.45	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	0.261	0.205	0.205	1.27	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.686	0.485	0.485	1.42	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.386	0.202	0.202	1.91	1.00	1.00	12/10/24	KCA	1
Ethanol	639	E 0.531	0.531	1200	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	1.27	0.278	0.278	4.57	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	0.483	0.284	0.284	1.70	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	96.3	E 0.407	0.407	237	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	0.985	0.863	0.863	3.42	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	0.319	0.235	0.235	1.36	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	0.041	0.037	0.037	0.28	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1 1
Toluene	0.566	0.266	0.266	2.13	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	0.393	0.178	0.178	2.21	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	110	%	%	110	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	94	%	%	94	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	96	%	%	96	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	95	%	%	95	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28579

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

17:11
17:25

Project ID: NEWTON
Client ID: SS-1

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24319

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1-Dichloroethane	2.23	1.24	1.24	9.02	5.02	5.02	12/11/24	KCA	5
1,1-Dichloroethene	2.60	0.252	0.252	10.3	1.00	1.00	12/11/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/11/24	KCA	5
1,2,4-Trimethylbenzene	2.72	1.02	1.02	13.4	5.01	5.01	12/11/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/11/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/11/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/11/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
4-Ethyltoluene	2.62	1.02	1.02	12.9	5.01	5.01	12/11/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
Acetone	22.1	2.11	2.11	52.5	5.01	5.01	12/11/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/11/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/11/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/11/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/11/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/11/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/11/24	KCA	5
Carbon Tetrachloride	4.16	0.159	0.159	26.2	1.00	1.00	12/11/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/11/24	KCA	5
Chloroethane	8.49	1.90	1.90	22.4	5.01	5.01	12/11/24	KCA	5
Chloroform	740	6.15	6.15	3610	30.0	30.0	12/11/24	KCA	30
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/11/24	KCA	5
Cis-1,2-Dichloroethene	1.66	0.252	0.252	6.58	1.00	1.00	12/11/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/11/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/11/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/11/24	KCA	5
Ethanol	227	15.9	15.9	427	29.9	29.9	12/11/24	KCA	30
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
Ethylbenzene	1.77	1.15	1.15	7.68	4.99	4.99	12/11/24	KCA	5
Heptane	1.25	1.22	1.22	5.12	5.00	5.00	12/11/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/11/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/11/24	KCA	5
Isooctane	6.74	1.07	1.07	31.4	4.99	4.99	12/11/24	KCA	5
Isopropylalcohol	49.2	2.04	2.04	121	5.01	5.01	12/11/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
m,p-Xylene	6.44	1.15	1.15	27.9	4.99	4.99	12/11/24	KCA	5
Methyl Ethyl Ketone	3.63	1.70	1.70	10.7	5.01	5.01	12/11/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/11/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/11/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
o-Xylene	2.62	1.15	1.15	11.4	4.99	4.99	12/11/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/11/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/11/24	KCA	5
Tetrachloroethene	140	0.184	0.184	949	1.25	1.25	12/11/24	KCA	5
Tetrahydrofuran	8.14	1.70	1.70	24.0	5.01	5.01	12/11/24	KCA	5
Toluene	5.01	1.33	1.33	18.9	5.01	5.01	12/11/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/11/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Trichloroethene	17.4	0.185	0.185	93.4	0.99	0.99	12/11/24	KCA	5
Trichlorofluoromethane	9.50	0.891	0.891	53.3	5.00	5.00	12/11/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/11/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/11/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	114	%	%	114	%	%	12/11/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	93	%	%	93	%	%	12/11/24	KCA	5
% IS-Bromochloromethane (5x)	98	%	%	98	%	%	12/11/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	91	%	%	91	%	%	12/11/24	KCA	5
% Bromofluorobenzene (30x)	109	%	%	109	%	%	12/11/24	KCA	30
% IS-1,4-Difluorobenzene (30x)	94	%	%	94	%	%	12/11/24	KCA	30

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Bromochloromethane (30x)	99	%	%	99	%	%	12/11/24	KCA	30
% IS-Chlorobenzene-d5 (30x)	93	%	%	93	%	%	12/11/24	KCA	30

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19887

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

17:30
17:25

Project ID: NEWTON
Client ID: IA-12

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24320

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/11/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/11/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/11/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/11/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/11/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/11/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/11/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/11/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/11/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/11/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
Acetone	4.97	0.421	0.421	11.8	1.00	1.00	12/11/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/11/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/11/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/11/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/11/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/11/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/11/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/11/24	KCA	1
Carbon Tetrachloride	0.077	0.032	0.032	0.48	0.20	0.20	12/11/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/11/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/11/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/11/24	KCA	1
Chloromethane	0.716	0.485	0.485	1.48	1.00	1.00	12/11/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/11/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/11/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/11/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/11/24	KCA	1
Dichlorodifluoromethane	0.419	0.202	0.202	2.07	1.00	1.00	12/11/24	KCA	1
Ethanol	26.6	0.531	0.531	50.1	1.00	1.00	12/11/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/11/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/11/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/11/24	KCA	1
Isopropylalcohol	4.20	0.407	0.407	10.3	1.00	1.00	12/11/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/11/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/11/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/11/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/11/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1
Styrene	0.364	0.235	0.235	1.55	1.00	1.00	12/11/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/11/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/11/24	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/11/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/11/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/11/24	KCA	1
Trichlorofluoromethane	0.450	0.178	0.178	2.53	1.00	1.00	12/11/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/11/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/11/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	110	%	%	110	%	%	12/11/24	KCA	1
% IS-1,4-Difluorobenzene	87	%	%	87	%	%	12/11/24	KCA	1
% IS-Bromochloromethane	90	%	%	90	%	%	12/11/24	KCA	1
% IS-Chlorobenzene-d5	86	%	%	86	%	%	12/11/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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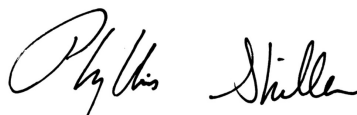
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49209

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 17:40
12/10/24 17:25

Time

Project ID: NEWTON
Client ID: SS-21

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24321

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/11/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/11/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/11/24	KCA	5
1,2,4-Trimethylbenzene	1.10	1.02	1.02	5.40	5.01	5.01	12/11/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/11/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/11/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/11/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/11/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/11/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/11/24	KCA	5
Acetone	28.1	2.11	2.11	66.7	5.01	5.01	12/11/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/11/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/11/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/11/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/11/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/11/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/11/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/11/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/11/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/11/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/11/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/11/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/11/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/11/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/11/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/11/24	KCA	5
Ethanol	352	E 2.66	2.66	663	5.01	5.01	12/11/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/11/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/11/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/11/24	KCA	5
Isooctane	1.56	1.07	1.07	7.27	4.99	4.99	12/11/24	KCA	5
Isopropylalcohol	54.2	2.04	2.04	133	5.01	5.01	12/11/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/11/24	KCA	5
m,p-Xylene	1.91	1.15	1.15	8.29	4.99	4.99	12/11/24	KCA	5
Methyl Ethyl Ketone	5.28	1.70	1.70	15.6	5.01	5.01	12/11/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/11/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/11/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/11/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/11/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/11/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/11/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/11/24	KCA	5
Tetrachloroethene	0.385	0.184	0.184	2.61	1.25	1.25	12/11/24	KCA	5
Tetrahydrofuran	11.1	1.70	1.70	32.7	5.01	5.01	12/11/24	KCA	5 1
Toluene	2.50	1.33	1.33	9.42	5.01	5.01	12/11/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/11/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/11/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/11/24	KCA	5
Trichlorofluoromethane	5.68	0.891	0.891	31.9	5.00	5.00	12/11/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/11/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/11/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	111	%	%	111	%	%	12/11/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	87	%	%	87	%	%	12/11/24	KCA	5
% IS-Bromochloromethane (5x)	85	%	%	85	%	%	12/11/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	87	%	%	87	%	%	12/11/24	KCA	5

Client ID: SS-21

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

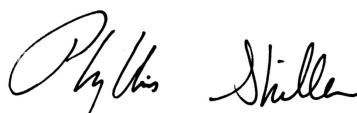
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28569

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

17:30
17:25

Project ID: NEWTON
Client ID: IA-9

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24322

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/11/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/11/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/11/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/11/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/11/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/11/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/11/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/11/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/11/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/11/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
Acetone	7.07	0.421	0.421	16.8	1.00	1.00	12/11/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/11/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/11/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/11/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/11/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/11/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/11/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/11/24	KCA	1
Carbon Tetrachloride	0.075	0.032	0.032	0.47	0.20	0.20	12/11/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/11/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/11/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/11/24	KCA	1
Chloromethane	0.644	0.485	0.485	1.33	1.00	1.00	12/11/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/11/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/11/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/11/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/11/24	KCA	1
Dichlorodifluoromethane	0.410	0.202	0.202	2.03	1.00	1.00	12/11/24	KCA	1
Ethanol	14.2	0.531	0.531	26.7	1.00	1.00	12/11/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/11/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/11/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/11/24	KCA	1
Isopropylalcohol	4.21	0.407	0.407	10.3	1.00	1.00	12/11/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/11/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/11/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/11/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/11/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/11/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/11/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/11/24	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/11/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/11/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/11/24	KCA	1
Trichlorofluoromethane	0.584	0.178	0.178	3.28	1.00	1.00	12/11/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/11/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/11/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	108	%	%	108	%	%	12/11/24	KCA	1
% IS-1,4-Difluorobenzene	94	%	%	94	%	%	12/11/24	KCA	1
% IS-Bromochloromethane	93	%	%	93	%	%	12/11/24	KCA	1
% IS-Chlorobenzene-d5	92	%	%	92	%	%	12/11/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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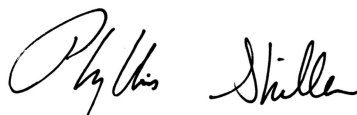
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19960
Project ID: NEWTON
Client ID: IA-1

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 17:12
12/10/24 17:25

Time

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24323

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/11/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/11/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/11/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/11/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/11/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/11/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/11/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/11/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/11/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/11/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/11/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/11/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1
4-Methyl-2-pentanone(MIBK)	0.286	0.244	0.244	1.17	1.00	1.00	12/11/24	KCA	1
Acetone	6.11	0.421	0.421	14.5	1.00	1.00	12/11/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/11/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/11/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/11/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/11/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/11/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/11/24	KCA	1
Carbon Disulfide	1.23	0.321	0.321	3.83	1.00	1.00	12/11/24	KCA	1
Carbon Tetrachloride	0.085	0.032	0.032	0.53	0.20	0.20	12/11/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/11/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/11/24	KCA	1
Chloroform	1.52	0.205	0.205	7.42	1.00	1.00	12/11/24	KCA	1
Chloromethane	0.855	0.485	0.485	1.76	1.00	1.00	12/11/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/11/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/11/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/11/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/11/24	KCA	1
Dichlorodifluoromethane	0.369	0.202	0.202	1.82	1.00	1.00	12/11/24	KCA	1
Ethanol	1120	E 0.531	0.531	2110	1.00	1.00	12/11/24	KCA	1 1
Ethyl acetate	7.11	0.278	0.278	25.6	1.00	1.00	12/11/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/11/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/11/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/11/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/11/24	KCA	1
Isopropylalcohol	3.59	0.407	0.407	8.82	1.00	1.00	12/11/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/11/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Methyl Ethyl Ketone	0.532	0.339	0.339	1.57	1.00	1.00	12/11/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/11/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/11/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/11/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/11/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/11/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/11/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/11/24	KCA	1
Tetrachloroethene	0.323	0.037	0.037	2.19	0.25	0.25	12/11/24	KCA	1
Tetrahydrofuran	0.974	0.339	0.339	2.87	1.00	1.00	12/11/24	KCA	1 1
Toluene	0.362	0.266	0.266	1.36	1.00	1.00	12/11/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/11/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/11/24	KCA	1
Trichloroethene	0.116	0.037	0.037	0.62	0.20	0.20	12/11/24	KCA	1
Trichlorofluoromethane	1.03	0.178	0.178	5.78	1.00	1.00	12/11/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/11/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/11/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	110	%	%	110	%	%	12/11/24	KCA	1
% IS-1,4-Difluorobenzene	94	%	%	94	%	%	12/11/24	KCA	1
% IS-Bromochloromethane	96	%	%	96	%	%	12/11/24	KCA	1
% IS-Chlorobenzene-d5	94	%	%	94	%	%	12/11/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 23318

Custody Information

Collected by: GL, CB
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/10/24

Time

17:22
17:25

Project ID: NEWTON
Client ID: IA-18

Laboratory Data

SDG ID: GCS24309
Phoenix ID: CS24324

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	7.04	0.421	0.421	16.7	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.080	0.032	0.032	0.50	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.619	0.485	0.485	1.28	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.383	0.202	0.202	1.89	1.00	1.00	12/10/24	KCA	1
Ethanol	105	E 0.531	0.531	198	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	0.855	0.278	0.278	3.08	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	13.8	0.407	0.407	33.9	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	0.231	0.037	0.037	1.57	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1 1
Toluene	0.266	0.266	0.266	1.00	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	0.089	0.037	0.037	0.48	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	0.465	0.178	0.178	2.61	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	86	%	%	86	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	85	%	%	85	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	88	%	%	88	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 25, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Location Code: LABELLA

SDG I.D.: GCS24309

Project ID: NEWTON

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-14	CS24309	23334	6.0L	10586	11/14/24	-30	-8	10.8	10.9	0.9	-30	-7.5	12/05/24 12:06	12/05/24 19:13
OA-2	CS24310	28622	6.0L	5036	11/14/24	-30	-4	10.7	10.9	1.9	-30	-4.9	12/04/24 10:00	12/04/24 18:23
SS-14	CS24311	23345	6.0L	5673	11/14/24	-30	-8	10.7	10.8	0.9	-30	-7.5	12/05/24 12:05	12/05/24 19:14
SS-8	CS24312	28555	6.0L	7043	11/14/24	-30	-5	10.6	10.7	0.9	-30	-4.0	12/04/24 10:12	12/04/24 17:56
IA-13	CS24313	18259	6.0L	5707	11/14/24	-30	-9	10.8	10.9	0.9	-30	-9.8	12/05/24 10:14	12/05/24 16:41
IA-20	CS24314	28589	6.0L	10589	11/14/24	-30	-6	11.4	11.6	1.7	-30	-4.9	12/05/24 09:11	12/05/24 16:32
IA-8	CS24315	172	6.0L	10698	11/14/24	-30	-4	11.2	11.5	2.6	-30	-4.0	12/04/24 10:13	12/04/24 17:55
SS-13	CS24316	23332	6.0L	1315	11/14/24	-30	-10	11	11.1	0.9	-30	-9.6	12/05/24 10:15	12/05/24 16:40
SS-20	CS24317	353	6.0L	6979	11/14/24	-30	-4	11.1	11.3	1.8	-30	-4.0	12/05/24 09:10	12/05/24 16:31
IA-21	CS24318	49248	6.0L	5704	11/14/24	-30	-7	11.4	11.8	3.4	-30	-7.0	12/05/24 10:35	12/05/24 17:41
SS-1	CS24319	28579	6.0L	6992	11/14/24	-30	-2	11.1	11.3	1.8	-30	-2.5	12/04/24 08:50	12/04/24 17:11
IA-12	CS24320	19887	6.0L	10598	11/14/24	-30	-9	10.8	10.9	0.9	-30	-9.0	12/05/24 10:49	12/05/24 17:30
SS-21	CS24321	49209	6.0L	2932	11/14/24	-30	-8	11.1	11.4	2.7	-30	-7.0	12/05/24 10:34	12/05/24 17:40
IA-9	CS24322	28569	6.0L	3998	11/14/24	-30	-6	10.5	10.6	0.9	-30	-4.9	12/05/24 09:59	12/05/24 17:30



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

February 25, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Location Code: LABELLA

SDG I.D.: GCS24309

Project ID: NEWTON

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-1	CS24323	19960	6.0L	10621	11/14/24	-30	-5	10.6	10.8	1.9	-30	-4.9	12/04/24 08:51	12/04/24 17:12
IA-18	CS24324	23318	6.0L	5621	11/14/24	-30	-6	10.7	10.9	1.9	-30	-7.0	12/05/24 10:03	12/05/24 17:22



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

February 25, 2025

QA/QC Data

SDG I.D.: GCS24309

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 761941 (ppbv), QC Sample No: CS24309 (CS24309, CS24310, CS24311 (5X) , CS24312 (5X) , CS24313, CS24314, CS24315, CS24316 (5X) , CS24317 (5X) , CS24318, CS24319 (5X, 30X) , CS24320, CS24321 (5X) , CS24322, CS24323)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	110	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	135	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	110	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	114	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	57	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	75	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	82	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	102	25.4	25.4	10.7	10.7	0.0	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	101	0.48	0.47	0.077	0.075	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	98	1.29	1.55	0.264	0.318	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	110	1.35	1.49	0.652	0.721	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	98	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS24309

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Dichlorodifluoromethane	ND	0.200	ND	0.99	94	2.02	2.08	0.409	0.420	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	105	870 E	868	462 E	461	0.2	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	114	1.26	1.40	0.351	0.389	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	105	1.15	1.19	0.280	0.290	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	139	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	104	346 E	351	141 E	143	1.4	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	92	2.10	2.17	0.714	0.737	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	105	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	125	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	81	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	102	0.55	0.56	0.081	0.083	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	104	ND	1.04	ND	0.276	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	105	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	111	2.45	2.43	0.437	0.433	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	110	%	110	%	97	111	108	111	108	NC	70 - 130	25
% IS-1,4-Difluorobenzene	108	%	108	%	102	91	90	91	90	NC	60 - 140	25
% IS-Bromochloromethane	108	%	108	%	110	90	89	90	89	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	120	89	90	89	90	NC	60 - 140	25

QA/QC Batch 761915 (ppbv), QC Sample No: CS24324 (CS24324)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	113	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	111	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	111	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	115	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	100	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	115	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	112	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	119	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	116	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	125	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	117	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	116	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS24309

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	118	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	133	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	113	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	130	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	120	16.7	16.4	7.04	6.92	1.7	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	116	0.50	0.49	0.080	0.078	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	110	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	130	1.28	1.22	0.619	0.589	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	110	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	113	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	111	1.89	1.98	0.383	0.401	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	132	198 E	196	105 E	104	1.0	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	141	3.08	3.27	0.855	0.907	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	128	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	117	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	120	33.9	33.7	13.8	13.7	0.7	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	123	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	119	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	98	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	114	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	124	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	106	1.57	1.55	0.231	0.229	0.9	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	129	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	109	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	110	0.48	0.48	0.089	0.089	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	109	2.61	2.59	0.465	0.462	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	118	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	91	%	91	%	100	98	99	98	99	NC	70 - 130	25
% IS-1,4-Difluorobenzene	101	%	101	%	96	86	87	86	87	NC	60 - 140	25
% IS-Bromochloromethane	101	%	101	%	92	85	87	85	87	NC	60 - 140	25

QA/QC Data

SDG I.D.: GCS24309

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
% IS-Chlorobenzene-d5	100	%	100	%	103	88	89	88	89	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution



Phyllis Shiller, Laboratory Director

February 25, 2025

Tuesday, February 25, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS24309 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS24309	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv
CS24310	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS24312	\$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	2.25	0.252	1.51	1.51	ppbv
CS24312	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	51.8	0.184	14.8	14.8	ppbv
CS24312	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	3.91	0.185	1.12	1.12	ppbv
CS24313	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.074	0.032	0.032	0.032	ppbv
CS24313	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.195	0.037	0.037	0.037	ppbv
CS24314	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS24315	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CS24318	\$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	0.985	0.863	0.864	0.864	ppbv
CS24318	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS24319	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Sub-Slab Vapor	4.16	0.159	0.954	0.954	ppbv
CS24319	\$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	1.66	0.252	1.51	1.51	ppbv
CS24319	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	140	0.184	14.8	14.8	ppbv
CS24319	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	17.4	0.185	1.12	1.12	ppbv
CS24319	\$AIR_NYTO15	1,1-Dichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	2.60	0.252	1.51	1.51	ppbv
CS24320	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv
CS24322	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS24323	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.085	0.032	0.032	0.032	ppbv
CS24323	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.116	0.037	0.037	0.037	ppbv
CS24324	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.089	0.037	0.037	0.037	ppbv
CS24324	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.080	0.032	0.032	0.032	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



CHAIN OF CUSTODY RECORD

Page 1 of 2

P.O. #

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

LABELLA

Report to:	Todd Rollend	Project Name:	NEWTON	Data Format:	(Circle) Equis ☒ Exced ☐ Other:
Customer:	Labella Associates DPC	Invoice to:		Requested Deliverable:	RCP ASP CATB
Address:	5 McCre Hill Rd.,	Sampled by:	G.L.C.B		MCP NJ Deliverables
16477	Ballston Spa, NY 12020			Quote Number:	LA050724RM

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	ANALYSES
THIS SECTION FOR LAB USE ONLY																	
24309	IA-14	23334	6.0L	-30	-8	10586	10.8	1206	1913	12/5/24	-30	-7.5	X	X	G	X	
24310	OA-2	28622	6.0L	-30	-4	5036	10.7	1000	1823	12/4/24	-30	-4.9	X	X	G	X	
24311	SS-14	23345	6.0L	-30	-8	5673	10.7	1205	1914	12/5/24	-30	-7.5	X	X	G	X	
24312	SS-8	28555	6.0L	-30	-5	7043	10.6	1012	1756	12/4/24	-29	-4.0	X	X	G	X	
24313	IA-13	18259	6.0L	-30	-9	5707	10.8	1015	1641	12/5/24	-29	-9.8	X	X	G	X	
24314	IA-20	28589	6.0L	-30	-6	10589	11.4	0911	1632	12/5/24	-29	-4.9	X	X	G	X	
24315	IA-8	172	6.0L	-30	-4	10698	11.2	1013	1755	12/4/24	-30	-4.0	X	X	G	X	
24316	SS-13	23332	6.0L	-30	-10	1315	11	1015	1640	12/5/24	-29	-9.6	X	X	G	X	
24317	IA-19	353	6.0L	-30	-4	6979	11.1	0915	1631	12/5/24	-29	-4.0	X	X	G	X	
24318	IA-21	49248	6.0L	-30	-7	5704	11.4	1035	1741	12/5/24	-30	-7.0	X	X	G	X	

Relinquished by: Todd Rollend Date: 12/10/24 Time: 17:25

Accepted by: Gregory J. Rollend Date: 12/10/24 Time: 0800

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

State Where Samples Collected:	NY	Requested Criteria:	MA: (Please Circle) CT: TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	NI: Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	NY: Vapor Intrusion	PA: Indoor Air: Residential Non-residential	VT: Indoor Air: Residential Industrial Sub-slab Residential
SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:							
(16) - 6.0L 8 hr							
12/10/24 17:25							

CHAIN OF CUSTODY RECORD

Page 2 of 2

P.O. #

Data Delivery:
☐ Fax #:
☐ Email:
☐ Phone #:

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

LABELLA

Report to:	Todd Rollend	Project Name:	NEWTON		Data Format:	(Circle) ☒ Excel ☐ Other:
Customer:	Labella Associates DPC	Invoice to:			Requested Deliverable:	RCP AS (CAT B)
Address:	5 McCre Hill Rd.,	Sampled by:			MCP	NJ Deliverables
16477	Ballston Spa, NY 12020	Q:rote Number:	LA050724 RM			

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	ANALYSES
24319	SS-1	28579	6.0L	-30	-2	6992	11.1	6850	1711	12/14/24	-30	-25		X	6	X	
24320	IA-12	19887	6.0L	-30	-9	10598	10.8	1049	1730	12/15/24	-30	-9.0	X	G		X	
24321	SS-21	49209	6.0L	-30	-8	2932	11.1	1034	1740	12/15/24	-29	-7.0		X	G	X	
24322	IA-9	28569	6.0L	-30	-6	3998	10.5	0959	1730	12/15/24	-30	-4.9	X	6		X	
24323	IA-1	19960	6.0L	-30	-5	10621	10.6	0651	1712	12/14/24	-30	-4.9	X	6		X	
24324	IA-18	23318	6.0L	-30	-6	5621	10.7	1003	1722	12/15/24	-29	-7.0	X	G		X	

THIS SECTION FOR LAB USE ONLY

Relinquished by: _____ Date: _____

Accepted by: *Gregory J. Rollend* Date: *12/16/24*

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

Signature: _____ Date: _____

State Where Samples Collected:	NY	Requested Criteria:	CT: TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	NY: Vapor Intrusion	PA: Indoor Air Residential Non-residential	VT: Indoor Air Residential Industrial Sub-slab Residential Industrial
--------------------------------	----	---------------------	--	--	--	---------------------	---	---

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☒ Standard
*SURCHARGES MAY APPLY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(16) - 6.0L 8 hr

12/16/24 17:25



Monday, February 17, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCS23184
Sample ID#s: CS23184 - CS23199

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC

Project: NEWTON

Laboratory Project: GCS23184



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

February 17, 2025

SDG I.D.: GCS23184

Labella Associates DPC NEWTON

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

February 17, 2025

SDG I.D.: GCS23184

Labella Associates DPC NEWTON

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS23184	Volatiles (TO15)	12/04/24	12/09/24	12/09/24	KCA	Y
CS23185	Volatiles (TO15)	12/04/24	12/09/24	12/09/24	KCA	Y
CS23186	Volatiles (TO15)	12/05/24	12/09/24	12/09/24	KCA	Y
CS23187	Volatiles (TO15)	12/04/24	12/09/24	12/09/24	KCA	Y
CS23188	Volatiles (TO15)	12/05/24	12/09/24	12/09/24	KCA	Y
CS23189	Volatiles (TO15)	12/04/24	12/10/24	12/10/24	KCA	Y
CS23190	Volatiles (TO15)	12/04/24	12/10/24	12/10/24	KCA	Y
CS23191	Volatiles (TO15)	12/04/24	12/10/24	12/10/24	KCA	Y
CS23192	Volatiles (TO15)	12/04/24	12/10/24	12/10/24	KCA	Y
CS23193	Volatiles (TO15)	12/04/24	12/10/24	12/10/24	KCA	Y
CS23194	Volatiles (TO15)	12/05/24	12/09/24	12/09/24	KCA	Y
CS23195	Volatiles (TO15)	12/05/24	12/09/24	12/09/24	KCA	Y
CS23196	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS23197	Volatiles (TO15)	12/05/24	12/10/24	12/10/24	KCA	Y
CS23198	Volatiles (TO15)	12/04/24	12/10/24	12/10/24	KCA	Y
CS23199	Volatiles (TO15)	12/04/24	12/10/24	12/10/24	KCA	Y



Environmental Laboratories, Inc.
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SDG Comments

February 17, 2025

SDG I.D.: GCS23184

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

February 17, 2025

SDG I.D.: GCS23184

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
IA-11	CS23184	AIR	12/04/24 18:06
IA-6	CS23185	AIR	12/04/24 18:14
IA-22	CS23186	AIR	12/05/24 16:53
SS-5	CS23187	AIR	12/04/24 17:26
IA-4	CS23188	AIR	12/05/24 17:43
IA-16	CS23189	AIR	12/04/24 17:22
IA-5	CS23190	AIR	12/04/24 17:27
SS-16	CS23191	AIR	12/04/24 17:21
SS-11	CS23192	AIR	12/04/24 18:05
SS-6	CS23193	AIR	12/04/24 18:14
DUP-5	CS23194	AIR	12/05/24 0:00
SS-18	CS23195	AIR	12/05/24 17:21
DUP-4	CS23196	AIR	12/05/24 0:00
SS-19	CS23197	AIR	12/05/24 17:09
DUP-2	CS23198	AIR	12/04/24 0:00
SS-4	CS23199	AIR	12/04/24 12:48



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49259

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

18:06
17:30

Project ID: NEWTON
Client ID: IA-11

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23184

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/09/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/09/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/09/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Acetone	18.1	0.421	0.421	43.0	1.00	1.00	12/09/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/09/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/09/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/09/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/09/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/09/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/09/24	KCA	1
Carbon Tetrachloride	0.078	0.032	0.032	0.49	0.20	0.20	12/09/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/09/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/09/24	KCA	1
Chloromethane	0.516	0.485	0.485	1.06	1.00	1.00	12/09/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/09/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/09/24	KCA	1
Dichlorodifluoromethane	0.434	0.202	0.202	2.14	1.00	1.00	12/09/24	KCA	1
Ethanol	319	E 0.531	0.531	601	1.00	1.00	12/09/24	KCA	1 1
Ethyl acetate	0.817	0.278	0.278	2.94	1.00	1.00	12/09/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/09/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/09/24	KCA	1
Isooctane	0.476	0.215	0.215	2.22	1.00	1.00	12/09/24	KCA	1
Isopropylalcohol	10.8	0.407	0.407	26.5	1.00	1.00	12/09/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
m,p-Xylene	0.292	0.230	0.230	1.27	1.00	1.00	12/09/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/09/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/09/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/09/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/09/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/09/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/09/24	KCA	1
Tetrahydrofuran	0.370	0.339	0.339	1.09	1.00	1.00	12/09/24	KCA	1 1
Toluene	0.507	0.266	0.266	1.91	1.00	1.00	12/09/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/09/24	KCA	1
Trichlorofluoromethane	0.300	0.178	0.178	1.68	1.00	1.00	12/09/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/09/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/09/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	112	%	%	112	%	%	12/09/24	KCA	1
% IS-1,4-Difluorobenzene	89	%	%	89	%	%	12/09/24	KCA	1
% IS-Bromochloromethane	90	%	%	90	%	%	12/09/24	KCA	1
% IS-Chlorobenzene-d5	90	%	%	90	%	%	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 12863

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

18:14
17:30

Project ID: NEWTON
Client ID: IA-6

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23185

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/09/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/09/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/09/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Acetone	9.84	0.421	0.421	23.4	1.00	1.00	12/09/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/09/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/09/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/09/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/09/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/09/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/09/24	KCA	1
Carbon Tetrachloride	0.072	0.032	0.032	0.45	0.20	0.20	12/09/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/09/24	KCA	1
Chloroform	0.807	0.205	0.205	3.94	1.00	1.00	12/09/24	KCA	1
Chloromethane	0.541	0.485	0.485	1.12	1.00	1.00	12/09/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/09/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/09/24	KCA	1
Dichlorodifluoromethane	0.362	0.202	0.202	1.79	1.00	1.00	12/09/24	KCA	1
Ethanol	299	E 0.531	0.531	563	1.00	1.00	12/09/24	KCA	1 1
Ethyl acetate	0.584	0.278	0.278	2.10	1.00	1.00	12/09/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/09/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/09/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/09/24	KCA	1
Isopropylalcohol	19.0	0.407	0.407	46.7	1.00	1.00	12/09/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Methyl Ethyl Ketone	1.74	0.339	0.339	5.13	1.00	1.00	12/09/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/09/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/09/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/09/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/09/24	KCA	1
Tetrachloroethene	0.097	0.037	0.037	0.66	0.25	0.25	12/09/24	KCA	1
Tetrahydrofuran	0.848	0.339	0.339	2.50	1.00	1.00	12/09/24	KCA	1 1
Toluene	2.21	0.266	0.266	8.32	1.00	1.00	12/09/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/09/24	KCA	1
Trichlorofluoromethane	1.66	0.178	0.178	9.32	1.00	1.00	12/09/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/09/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/09/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	108	%	%	108	%	%	12/09/24	KCA	1
% IS-1,4-Difluorobenzene	89	%	%	89	%	%	12/09/24	KCA	1
% IS-Bromochloromethane	89	%	%	89	%	%	12/09/24	KCA	1
% IS-Chlorobenzene-d5	92	%	%	92	%	%	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49239

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 16:53
12/09/24 17:30

Time

Project ID: NEWTON
Client ID: IA-22

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23186

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/09/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/09/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/09/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Acetone	8.35	0.421	0.421	19.8	1.00	1.00	12/09/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/09/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/09/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/09/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/09/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/09/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/09/24	KCA	1
Carbon Tetrachloride	0.075	0.032	0.032	0.47	0.20	0.20	12/09/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/09/24	KCA	1
Chloroform	0.612	0.205	0.205	2.99	1.00	1.00	12/09/24	KCA	1
Chloromethane	0.691	0.485	0.485	1.43	1.00	1.00	12/09/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/09/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/09/24	KCA	1
Dichlorodifluoromethane	0.786	0.202	0.202	3.88	1.00	1.00	12/09/24	KCA	1
Ethanol	253	E 0.531	0.531	476	1.00	1.00	12/09/24	KCA	1 1
Ethyl acetate	0.835	0.278	0.278	3.01	1.00	1.00	12/09/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/09/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/09/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/09/24	KCA	1
Isopropylalcohol	50.7	E 0.407	0.407	125	1.00	1.00	12/09/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Methyl Ethyl Ketone	0.374	0.339	0.339	1.10	1.00	1.00	12/09/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/09/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/09/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/09/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/09/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/09/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/09/24	KCA	1 1
Toluene	0.458	0.266	0.266	1.72	1.00	1.00	12/09/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/09/24	KCA	1
Trichlorofluoromethane	0.922	0.178	0.178	5.18	1.00	1.00	12/09/24	KCA	1
Trichlorotrifluoroethane	0.175	0.131	0.131	1.34	1.00	1.00	12/09/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/09/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	112	%	%	112	%	%	12/09/24	KCA	1
% IS-1,4-Difluorobenzene	84	%	%	84	%	%	12/09/24	KCA	1
% IS-Bromochloromethane	85	%	%	85	%	%	12/09/24	KCA	1
% IS-Chlorobenzene-d5	85	%	%	85	%	%	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19632

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

17:26
17:30

Project ID: NEWTON
Client ID: SS-5

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23187

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/09/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/09/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/09/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/09/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/09/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/09/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/09/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/09/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/09/24	KCA	5
Acetone	14.4	2.11	2.11	34.2	5.01	5.01	12/09/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/09/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/09/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/09/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/09/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/09/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/09/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/09/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/09/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/09/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/09/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/09/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/09/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/09/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/09/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/09/24	KCA	5
Ethanol	82.6	2.66	2.66	156	5.01	5.01	12/09/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/09/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/09/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/09/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/09/24	KCA	5
Isooctane	1.75	1.07	1.07	8.15	4.99	4.99	12/09/24	KCA	5
Isopropylalcohol	17.5	2.04	2.04	43.0	5.01	5.01	12/09/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
m,p-Xylene	1.91	1.15	1.15	8.29	4.99	4.99	12/09/24	KCA	5
Methyl Ethyl Ketone	1.71	1.70	1.70	5.04	5.01	5.01	12/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/09/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/09/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/09/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/09/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/09/24	KCA	5
Tetrachloroethene	22.5	0.184	0.184	153	1.25	1.25	12/09/24	KCA	5
Tetrahydrofuran	4.99	1.70	1.70	14.7	5.01	5.01	12/09/24	KCA	5 1
Toluene	2.04	1.33	1.33	7.68	5.01	5.01	12/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/09/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/09/24	KCA	5
Trichloroethene	0.260	0.185	0.185	1.40	0.99	0.99	12/09/24	KCA	5
Trichlorofluoromethane	6.76	0.891	0.891	38.0	5.00	5.00	12/09/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/09/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/09/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	94	%	%	94	%	%	12/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	85	%	%	85	%	%	12/09/24	KCA	5
% IS-Bromochloromethane (5x)	89	%	%	89	%	%	12/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	90	%	%	90	%	%	12/09/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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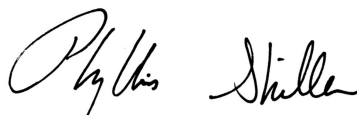
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 21318

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 17:43
12/09/24 17:30

Time

Project ID: NEWTON
Client ID: IA-4

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23188

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/09/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/09/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/09/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/09/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/09/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/09/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Acetone	6.87	0.421	0.421	16.3	1.00	1.00	12/09/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/09/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/09/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/09/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/09/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/09/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/09/24	KCA	1
Carbon Tetrachloride	0.069	0.032	0.032	0.43	0.20	0.20	12/09/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/09/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/09/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/09/24	KCA	1
Chloromethane	0.594	0.485	0.485	1.23	1.00	1.00	12/09/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/09/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/09/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/09/24	KCA	1
Dichlorodifluoromethane	0.345	0.202	0.202	1.71	1.00	1.00	12/09/24	KCA	1
Ethanol	110	E 0.531	0.531	207	1.00	1.00	12/09/24	KCA	1 1
Ethyl acetate	0.442	0.278	0.278	1.59	1.00	1.00	12/09/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/09/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/09/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/09/24	KCA	1
Isooctane	0.222	0.215	0.215	1.03	1.00	1.00	12/09/24	KCA	1
Isopropylalcohol	5.84	0.407	0.407	14.3	1.00	1.00	12/09/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/09/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/09/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/09/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/09/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/09/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/09/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/09/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/09/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/09/24	KCA	1
Tetrachloroethene	0.098	0.037	0.037	0.66	0.25	0.25	12/09/24	KCA	1
Tetrahydrofuran	0.439	0.339	0.339	1.29	1.00	1.00	12/09/24	KCA	1 1
Toluene	0.588	0.266	0.266	2.21	1.00	1.00	12/09/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/09/24	KCA	1
Trichloroethene	0.070	0.037	0.037	0.38	0.20	0.20	12/09/24	KCA	1
Trichlorofluoromethane	0.543	0.178	0.178	3.05	1.00	1.00	12/09/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/09/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/09/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	111	%	%	111	%	%	12/09/24	KCA	1
% IS-1,4-Difluorobenzene	87	%	%	87	%	%	12/09/24	KCA	1
% IS-Bromochloromethane	87	%	%	87	%	%	12/09/24	KCA	1
% IS-Chlorobenzene-d5	85	%	%	85	%	%	12/09/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 7641

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

17:22
17:30

Project ID: NEWTON
Client ID: IA-16

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23189

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	3.52	0.421	0.421	8.36	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.071	0.032	0.032	0.45	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.532	0.485	0.485	1.10	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.366	0.202	0.202	1.81	1.00	1.00	12/10/24	KCA	1
Ethanol	147	E 0.531	0.531	277	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	2.75	0.407	0.407	6.76	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1 1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	0.369	0.178	0.178	2.07	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	111	%	%	111	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	85	%	%	85	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	86	%	%	86	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	84	%	%	84	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49204

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

17:27
17:30

Project ID: NEWTON
Client ID: IA-5

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23190

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/10/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/10/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/10/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/10/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/10/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/10/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Acetone	16.3	0.421	0.421	38.7	1.00	1.00	12/10/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/10/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/10/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/10/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/10/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/10/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/10/24	KCA	1
Carbon Tetrachloride	0.067	0.032	0.032	0.42	0.20	0.20	12/10/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/10/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/10/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/10/24	KCA	1
Chloromethane	0.540	0.485	0.485	1.11	1.00	1.00	12/10/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/10/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/10/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/10/24	KCA	1
Dichlorodifluoromethane	0.396	0.202	0.202	1.96	1.00	1.00	12/10/24	KCA	1
Ethanol	611	E 0.531	0.531	1150	1.00	1.00	12/10/24	KCA	1 1
Ethyl acetate	0.305	0.278	0.278	1.10	1.00	1.00	12/10/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/10/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/10/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/10/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/10/24	KCA	1
Isopropylalcohol	43.4	E 0.407	0.407	107	1.00	1.00	12/10/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/10/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Methyl Ethyl Ketone	0.535	0.339	0.339	1.58	1.00	1.00	12/10/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/10/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/10/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/10/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/10/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/10/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/10/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/10/24	KCA	1
Tetrachloroethene	0.122	0.037	0.037	0.83	0.25	0.25	12/10/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/10/24	KCA	1 1
Toluene	0.438	0.266	0.266	1.65	1.00	1.00	12/10/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/10/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/10/24	KCA	1
Trichlorofluoromethane	1.28	0.178	0.178	7.19	1.00	1.00	12/10/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/10/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/10/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	109	%	%	109	%	%	12/10/24	KCA	1
% IS-1,4-Difluorobenzene	86	%	%	86	%	%	12/10/24	KCA	1
% IS-Bromochloromethane	87	%	%	87	%	%	12/10/24	KCA	1
% IS-Chlorobenzene-d5	86	%	%	86	%	%	12/10/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19844

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

17:21
17:30

Project ID: NEWTON
Client ID: SS-16

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23191

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/10/24	KCA	5	
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/10/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/10/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/10/24	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/10/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	1
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	1
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	
Acetone	10.6	2.11	2.11	25.2	5.01	5.01	12/10/24	KCA	5	
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/10/24	KCA	5	
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/10/24	KCA	5	
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/10/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/10/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/10/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/10/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/10/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/10/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/10/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/10/24	KCA	5
Chloroform	20.8	1.02	1.02	101	4.98	4.98	12/10/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/10/24	KCA	5
Cis-1,2-Dichloroethene	0.470	0.252	0.252	1.86	1.00	1.00	12/10/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/10/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/10/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/10/24	KCA	5
Ethanol	93.3	2.66	2.66	176	5.01	5.01	12/10/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/10/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/10/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/10/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/10/24	KCA	5
Isopropylalcohol	16.2	2.04	2.04	39.8	5.01	5.01	12/10/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/10/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/10/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/10/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/10/24	KCA	5
Tetrachloroethene	0.400	0.184	0.184	2.71	1.25	1.25	12/10/24	KCA	5
Tetrahydrofuran	3.34	1.70	1.70	9.8	5.01	5.01	12/10/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/10/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Trichloroethene	2.25	0.185	0.185	12.1	0.99	0.99	12/10/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/10/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/10/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/10/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	109	%	%	109	%	%	12/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	84	%	%	84	%	%	12/10/24	KCA	5
% IS-Bromochloromethane (5x)	83	%	%	83	%	%	12/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	85	%	%	85	%	%	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49201
Project ID: NEWTON
Client ID: SS-11

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

18:05
17:30

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23192

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	1
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/10/24	KCA	5	1
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/10/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	1
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/10/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/10/24	KCA	5	1
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/10/24	KCA	5	
1,3-Dichlorobenzene	1.69	0.832	0.832	10.2	5.00	5.00	12/10/24	KCA	5	1
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	1
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5	
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	1
Acetone	18.3	2.11	2.11	43.4	5.01	5.01	12/10/24	KCA	5	
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/10/24	KCA	5	
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/10/24	KCA	5	1
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/10/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/10/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/10/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/10/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/10/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/10/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/10/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/10/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/10/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/10/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/10/24	KCA	5
Dichlorodifluoromethane	114	1.01	1.01	563	4.99	4.99	12/10/24	KCA	5
Ethanol	237	E 2.66	2.66	446	5.01	5.01	12/10/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/10/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/10/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/10/24	KCA	5
Isooctane	1.43	1.07	1.07	6.66	4.99	4.99	12/10/24	KCA	5
Isopropylalcohol	30.4	2.04	2.04	74.7	5.01	5.01	12/10/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
m,p-Xylene	1.19	1.15	1.15	5.16	4.99	4.99	12/10/24	KCA	5
Methyl Ethyl Ketone	2.47	1.70	1.70	7.28	5.01	5.01	12/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/10/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/10/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/10/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/10/24	KCA	5
Tetrachloroethene	0.220	0.184	0.184	1.49	1.25	1.25	12/10/24	KCA	5
Tetrahydrofuran	5.59	1.70	1.70	16.5	5.01	5.01	12/10/24	KCA	5 1
Toluene	1.54	1.33	1.33	5.80	5.01	5.01	12/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/10/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/10/24	KCA	5
Trichlorofluoromethane	11.9	0.891	0.891	66.8	5.00	5.00	12/10/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/10/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/10/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	111	%	%	111	%	%	12/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	83	%	%	83	%	%	12/10/24	KCA	5
% IS-Bromochloromethane (5x)	82	%	%	82	%	%	12/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	82	%	%	82	%	%	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 273

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

18:14
17:30

Project ID: NEWTON
Client ID: SS-6

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23193

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/10/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/10/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5
Acetone	24.2	2.11	2.11	57.5	5.01	5.01	12/10/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/10/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/10/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/10/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/10/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/10/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/10/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/10/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/10/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/10/24	KCA	5
Chloroform	2.16	1.02	1.02	10.5	4.98	4.98	12/10/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/10/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/10/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/10/24	KCA	5
Ethanol	46.1	2.66	2.66	86.8	5.01	5.01	12/10/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/10/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/10/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/10/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/10/24	KCA	5
Isopropylalcohol	44.3	2.04	2.04	109	5.01	5.01	12/10/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Methyl Ethyl Ketone	4.46	1.70	1.70	13.1	5.01	5.01	12/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/10/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/10/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/10/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/10/24	KCA	5
Tetrachloroethene	11.8	0.184	0.184	80.0	1.25	1.25	12/10/24	KCA	5
Tetrahydrofuran	4.18	1.70	1.70	12.3	5.01	5.01	12/10/24	KCA	5 1
Toluene	1.45	1.33	1.33	5.46	5.01	5.01	12/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/10/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Trichloroethene	0.225	0.185	0.185	1.21	0.99	0.99	12/10/24	KCA	5
Trichlorofluoromethane	7.35	0.891	0.891	41.3	5.00	5.00	12/10/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/10/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/10/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	109	%	%	109	%	%	12/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	88	%	%	88	%	%	12/10/24	KCA	5
% IS-Bromochloromethane (5x)	88	%	%	88	%	%	12/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	86	%	%	86	%	%	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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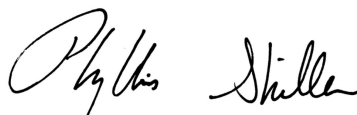
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 13645

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24

Time

17:30

Project ID: NEWTON
Client ID: DUP-5

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23194

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/09/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/09/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/09/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/09/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/09/24	KCA	5
1,2,4-Trimethylbenzene	1.20	1.02	1.02	5.90	5.01	5.01	12/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/09/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/09/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/09/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/09/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/09/24	KCA	5
Acetone	26.3	2.11	2.11	62.4	5.01	5.01	12/09/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/09/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/09/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/09/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/09/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/09/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/09/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/09/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/09/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/09/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/09/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/09/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/09/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/09/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/09/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/09/24	KCA	5
Ethanol	79.4	2.66	2.66	150	5.01	5.01	12/09/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/09/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/09/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/09/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/09/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/09/24	KCA	5
Isopropylalcohol	55.0	2.04	2.04	135	5.01	5.01	12/09/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
m,p-Xylene	1.38	1.15	1.15	5.99	4.99	4.99	12/09/24	KCA	5
Methyl Ethyl Ketone	2.75	1.70	1.70	8.11	5.01	5.01	12/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/09/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/09/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/09/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/09/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/09/24	KCA	5
Tetrachloroethene	0.360	0.184	0.184	2.44	1.25	1.25	12/09/24	KCA	5
Tetrahydrofuran	5.07	1.70	1.70	14.9	5.01	5.01	12/09/24	KCA	5 1
Toluene	1.40	1.33	1.33	5.27	5.01	5.01	12/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/09/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/09/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/09/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/09/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/09/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/09/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	94	%	%	94	%	%	12/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	83	%	%	83	%	%	12/09/24	KCA	5
% IS-Bromochloromethane (5x)	88	%	%	88	%	%	12/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	86	%	%	86	%	%	12/09/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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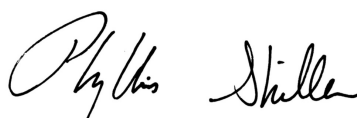
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 11290

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24 17:21
12/09/24 17:30

Time

Project ID: NEWTON
Client ID: SS-18

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23195

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/09/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/09/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/09/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/09/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/09/24	KCA	5
1,2,4-Trimethylbenzene	1.69	1.02	1.02	8.30	5.01	5.01	12/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/09/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/09/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/09/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/09/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/09/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/09/24	KCA	5
Acetone	27.3	2.11	2.11	64.8	5.01	5.01	12/09/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/09/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/09/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/09/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/09/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/09/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/09/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/09/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/09/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/09/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/09/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/09/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/09/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/09/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/09/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/09/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/09/24	KCA	5
Ethanol	88.0	2.66	2.66	166	5.01	5.01	12/09/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/09/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/09/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/09/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/09/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/09/24	KCA	5
Isopropylalcohol	58.4	2.04	2.04	143	5.01	5.01	12/09/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/09/24	KCA	5
m,p-Xylene	1.76	1.15	1.15	7.64	4.99	4.99	12/09/24	KCA	5
Methyl Ethyl Ketone	2.98	1.70	1.70	8.78	5.01	5.01	12/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/09/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/09/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/09/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/09/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/09/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/09/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/09/24	KCA	5
Tetrachloroethene	0.375	0.184	0.184	2.54	1.25	1.25	12/09/24	KCA	5
Tetrahydrofuran	5.15	1.70	1.70	15.2	5.01	5.01	12/09/24	KCA	5 1
Toluene	1.90	1.33	1.33	7.16	5.01	5.01	12/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/09/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/09/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/09/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/09/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/09/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/09/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	96	%	%	96	%	%	12/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	82	%	%	82	%	%	12/09/24	KCA	5
% IS-Bromochloromethane (5x)	85	%	%	85	%	%	12/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	86	%	%	86	%	%	12/09/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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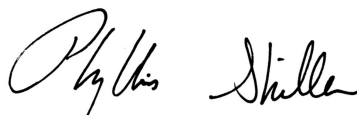
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 21356

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24

Time

17:30

Project ID: NEWTON
Client ID: DUP-4

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23196

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/10/24	KCA	5
1,2,4-Trimethylbenzene	1.17	1.02	1.02	5.75	5.01	5.01	12/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/10/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/10/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5
Acetone	26.1	2.11	2.11	62.0	5.01	5.01	12/10/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/10/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/10/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/10/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/10/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/10/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/10/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/10/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/10/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/10/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/10/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/10/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/10/24	KCA	5
Dichlorodifluoromethane	1.41	1.01	1.01	6.97	4.99	4.99	12/10/24	KCA	5
Ethanol	69.5	2.66	2.66	131	5.01	5.01	12/10/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/10/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/10/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/10/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/10/24	KCA	5
Isopropylalcohol	17.5	2.04	2.04	43.0	5.01	5.01	12/10/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
m,p-Xylene	1.36	1.15	1.15	5.90	4.99	4.99	12/10/24	KCA	5
Methyl Ethyl Ketone	2.22	1.70	1.70	6.54	5.01	5.01	12/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/10/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/10/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/10/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/10/24	KCA	5
Tetrachloroethene	0.335	0.184	0.184	2.27	1.25	1.25	12/10/24	KCA	5
Tetrahydrofuran	4.19	1.70	1.70	12.3	5.01	5.01	12/10/24	KCA	5 1
Toluene	1.37	1.33	1.33	5.16	5.01	5.01	12/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/10/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/10/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/10/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/10/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/10/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	93	%	%	93	%	%	12/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	87	%	%	87	%	%	12/10/24	KCA	5
% IS-Bromochloromethane (5x)	93	%	%	93	%	%	12/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	91	%	%	91	%	%	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 11288
Project ID: NEWTON
Client ID: SS-19

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/05/24
12/09/24

Time

17:09
17:30

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23197

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	1
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/10/24	KCA	5	1
1,2,4-Trimethylbenzene	1.20	1.02	1.02	5.90	5.01	5.01	12/10/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/10/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	1
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/10/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/10/24	KCA	5	1
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/10/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	1
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	1
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5	
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	1
Acetone	25.9	2.11	2.11	61.5	5.01	5.01	12/10/24	KCA	5	
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/10/24	KCA	5	
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/10/24	KCA	5	1
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/10/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/10/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/10/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/10/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/10/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/10/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/10/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/10/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/10/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/10/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/10/24	KCA	5
Dichlorodifluoromethane	1.49	1.01	1.01	7.36	4.99	4.99	12/10/24	KCA	5
Ethanol	22.1	2.66	2.66	41.6	5.01	5.01	12/10/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/10/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/10/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/10/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/10/24	KCA	5
Isopropylalcohol	17.9	2.04	2.04	44.0	5.01	5.01	12/10/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
m,p-Xylene	1.42	1.15	1.15	6.16	4.99	4.99	12/10/24	KCA	5
Methyl Ethyl Ketone	2.11	1.70	1.70	6.22	5.01	5.01	12/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/10/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/10/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/10/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/10/24	KCA	5
Tetrachloroethene	0.355	0.184	0.184	2.41	1.25	1.25	12/10/24	KCA	5
Tetrahydrofuran	4.15	1.70	1.70	12.2	5.01	5.01	12/10/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/10/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/10/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/10/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/10/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/10/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	92	%	%	92	%	%	12/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	88	%	%	88	%	%	12/10/24	KCA	5
% IS-Bromochloromethane (5x)	91	%	%	91	%	%	12/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	90	%	%	90	%	%	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49214

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24

Time

17:30

Project ID: NEWTON
Client ID: DUP-2

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23198

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/10/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/10/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5
Acetone	10.2	2.11	2.11	24.2	5.01	5.01	12/10/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/10/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/10/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/10/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/10/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/10/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/10/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/10/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/10/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/10/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/10/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/10/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/10/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/10/24	KCA	5
Ethanol	54.6	2.66	2.66	103	5.01	5.01	12/10/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/10/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/10/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/10/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/10/24	KCA	5
Isopropylalcohol	10.4	2.04	2.04	25.5	5.01	5.01	12/10/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/10/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/10/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/10/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/10/24	KCA	5
Tetrachloroethene	17.2	0.184	0.184	117	1.25	1.25	12/10/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/10/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/10/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Trichloroethene	0.995	0.185	0.185	5.34	0.99	0.99	12/10/24	KCA	5
Trichlorofluoromethane	3.77	0.891	0.891	21.2	5.00	5.00	12/10/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/10/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/10/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	91	%	%	91	%	%	12/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	87	%	%	87	%	%	12/10/24	KCA	5
% IS-Bromochloromethane (5x)	92	%	%	92	%	%	12/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	90	%	%	90	%	%	12/10/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49197

Custody Information

Collected by: GL,CB,TR
Received by: SR1
Analyzed by: see "By" below

Date

12/04/24
12/09/24

Time

12:48
17:30

Project ID: NEWTON
Client ID: SS-4

Laboratory Data

SDG ID: GCS23184
Phoenix ID: CS23199

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/10/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/10/24	KCA	5	
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/10/24	KCA	5	
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/10/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/10/24	KCA	5	
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/10/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/10/24	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/10/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/10/24	KCA	5	
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	1
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5	1
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/10/24	KCA	5	
Acetone	16.0	2.11	2.11	38.0	5.01	5.01	12/10/24	KCA	5	
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/10/24	KCA	5	
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/10/24	KCA	5	
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/10/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/10/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/10/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/10/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/10/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/10/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/10/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/10/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/10/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/10/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/10/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/10/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/10/24	KCA	5
Ethanol	47.5	2.66	2.66	89.4	5.01	5.01	12/10/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/10/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/10/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/10/24	KCA	5
Isooctane	1.39	1.07	1.07	6.48	4.99	4.99	12/10/24	KCA	5
Isopropylalcohol	31.7	2.04	2.04	77.9	5.01	5.01	12/10/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/10/24	KCA	5
m,p-Xylene	1.94	1.15	1.15	8.42	4.99	4.99	12/10/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/10/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/10/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/10/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/10/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/10/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/10/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/10/24	KCA	5
Tetrachloroethene	44.3	0.184	0.184	300	1.25	1.25	12/10/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/10/24	KCA	5 1
Toluene	2.40	1.33	1.33	9.04	5.01	5.01	12/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/10/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/10/24	KCA	5
Trichloroethene	2.73	0.185	0.185	14.7	0.99	0.99	12/10/24	KCA	5
Trichlorofluoromethane	10.8	0.891	0.891	60.6	5.00	5.00	12/10/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/10/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/10/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	92	%	%	92	%	%	12/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	88	%	%	88	%	%	12/10/24	KCA	5
% IS-Bromochloromethane (5x)	91	%	%	91	%	%	12/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	91	%	%	91	%	%	12/10/24	KCA	5

Client ID: SS-4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Location Code: LABELLA

SDG I.D.: GCS23184

Project ID: NEWTON

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-11	CS23184	49259	6.0L	5656	11/12/24	-30	-6	10.9	11.2	2.7	-30	-8.0	12/04/24 10:34	12/04/24 18:06
IA-6	CS23185	12863	6.0L	6989	11/12/24	-30	-3	11.4	11.7	2.6	-30	-2.5	12/04/24 10:23	12/04/24 18:14
IA-22	CS23186	49239	6.0L	7047	11/12/24	-30	-6	11.3	11.6	2.6	-30	-6.0	12/05/24 08:57	12/05/24 16:53
SS-5	CS23187	19632	6.0L	10694	11/12/24	-30	-4	10.8	10.9	0.9	-29	-4.9	12/04/24 09:25	12/04/24 17:26
IA-4	CS23188	21318	6.0L	10691	11/12/24	-30	-5	10.5	10.6	0.9	-30	-4.9	12/05/24 09:53	12/05/24 17:43
IA-16	CS23189	7641	6.0L	5658	11/12/24	-30	-5	11.1	11.3	1.8	-28	-4.9	12/04/24 09:34	12/04/24 17:22
IA-5	CS23190	49204	6.0L	10587	11/12/24	-30	-3	11.1	11.1	0.0	-29	-2.5	12/04/24 09:19	12/04/24 17:27
SS-16	CS23191	19844	6.0L	10568	11/12/24	-30	0	11.4	11.8	3.4	-30	-4.0	12/04/24 09:38	12/04/24 17:21
SS-11	CS23192	49201	6.0L	5041	11/12/24	-30	-6	10.8	10.9	0.9	-30	-4.1	12/04/24 10:33	12/04/24 18:05
SS-6	CS23193	273	6.0L	10607	11/12/24	-30	-4	10.5	10.6	0.9	-30	-4.9	12/04/24 10:22	12/04/24 18:14
DUP-5	CS23194	13645	6.0L	2985	11/12/24	-30	-7	22.1	23.9	7.8			12/05/24 00:00	12/05/24 00:00
SS-18	CS23195	11290	6.0L	2985	11/12/24	-30	-7	22.1	23.9	7.8	-29	-8.0	12/05/24 10:02	12/05/24 17:21
DUP-4	CS23196	21356	6.0L	6998	11/12/24	-30	3	22.3	24.2	8.2			12/05/24 00:00	12/05/24 00:00
SS-19	CS23197	11288	6.0L	6998	11/12/24	-30	-3	22.3	24.2	8.2	-29	-4.0	12/05/24 09:25	12/05/24 17:09



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

February 17, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Location Code: LABELLA

SDG I.D.: GCS23184

Project ID: NEWTON

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
DUP-2	CS23198	49214	6.0L	4966	11/13/24	-30	0	22	22.6	2.7			12/04/24 00:00	12/04/24 00:00
SS-4	CS23199	49197	6.0L	4966	11/13/24	-30	0	22	22.6	2.7	-27	-1.0	12/04/24 09:52	12/04/24 12:48



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

February 17, 2025

QA/QC Data

SDG I.D.: GCS23184

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 761618 (ppbv), QC Sample No: CS21908 (CS23184, CS23185, CS23186, CS23188, CS23189, CS23190, CS23191 (5X) , CS23192 (5X) , CS23193 (5X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	114	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	132	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	109	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	96	0.06	0.07	0.016	0.018	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	113	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	106	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	108	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	62	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	98	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	77	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	84	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	105	8.85	8.57	3.73	3.61	3.3	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	109	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	92	5.46	6.13	1.71	1.92	11.6	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	101	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	101	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	110	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	107	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	108	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	99	0.41	0.41	0.065	0.065	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	108	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	97	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	112	1.05	1.07	0.509	0.517	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	94	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	107	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS23184

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Dichlorodifluoromethane	ND	0.250	ND	1.24	96	1.62	1.69	0.327	0.342	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	107	26.0	25.2	13.8	13.4	2.9	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	112	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	99	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	138	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	98	6.16	6.09	1.75	1.73	1.1	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	106	3.59	3.46	1.46	1.41	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	99	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	105	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	94	0.89	0.88	0.302	0.297	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	92	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	108	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	123	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	97	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	102	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	82	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	100	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	101	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	104	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	94	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	103	4.75	4.71	1.26	1.25	0.8	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	94	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	100	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	105	0.20	0.18	0.038	0.033	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	113	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	115	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	110	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	112	%	112	%	98	111	112	111	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	110	%	110	%	88	95	94	95	94	NC	60 - 140	25
% IS-Bromochloromethane	113	%	113	%	95	97	100	97	100	NC	60 - 140	25
% IS-Chlorobenzene-d5	109	%	109	%	104	95	95	95	95	NC	60 - 140	25

QA/QC Batch 761722 (ppbv), QC Sample No: CS22739 (CS23187 (5X) , CS23194 (5X) , CS23195 (5X) , CS23196 (5X) , CS23197 (5X) , CS23198 (5X) , CS23199 (5X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.200	ND	1.09	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.200	ND	1.37	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.200	ND	1.09	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.200	ND	0.81	106	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.200	ND	0.79	105	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71	112	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	112	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.200	ND	1.54	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.200	ND	1.20	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.200	ND	0.81	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.200	ND	0.92	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.200	ND	1.40	107	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.200	ND	0.44	109	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.200	ND	1.20	101	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.200	ND	1.20	101	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS23184

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,4-Dioxane	ND	0.200	ND	0.72	110	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.200	ND	0.93	109	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	123	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	117	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	5.00	ND	11.9	108	103 E	111	43.2 E	46.6	7.6	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.200	ND	0.64	107	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.200	ND	1.34	102	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.200	ND	2.07	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.200	ND	0.78	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.500	ND	1.56	93	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.200	ND	1.26	100	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.200	ND	0.92	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.500	ND	1.32	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.500	ND	1.03	114	1.08	1.19	0.523	0.579	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.200	ND	0.79	104	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.200	ND	0.91	109	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.200	ND	0.69	97	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.200	ND	1.70	105	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.500	ND	2.47	104	ND	ND	ND	ND	NC	70 - 130	25
Ethanol	ND	5.00	ND	9.42	141	162 E	175	85.8 E	92.9	7.9	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	125	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.200	ND	0.87	113	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.200	ND	0.82	115	1.44	1.64	0.351	0.400	NC	70 - 130	25
Hexachlorobutadiene	ND	0.200	ND	2.13	111	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.200	ND	0.70	112	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	5.00	ND	12.3	106	24.3	26.0	9.9	10.6	NC	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	116	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.500	ND	1.47	113	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.200	ND	0.72	109	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.500	ND	1.74	109	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.500	ND	2.62	125	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.200	ND	0.87	112	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.200	ND	0.85	116	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.200	ND	1.36	101	2.58	2.87	0.380	0.423	NC	70 - 130	25
Tetrahydrofuran	ND	5.00	ND	14.7	118	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.200	ND	0.75	110	ND	0.78	ND	0.207	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.200	ND	0.79	105	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.200	ND	0.91	108	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.200	ND	1.07	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.200	ND	1.12	98	3.02	3.37	0.537	0.600	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.200	ND	1.53	97	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.200	ND	0.51	109	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	89	%	89	%	90	95	93	95	93	NC	70 - 130	25
% IS-1,4-Difluorobenzene	96	%	96	%	105	91	85	91	85	NC	60 - 140	25

QA/QC Data

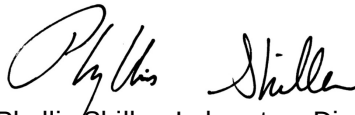
SDG I.D.: GCS23184

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
% IS-Bromochloromethane	96	%	96	%	103	95	88	95	88	NC	60 - 140	25
% IS-Chlorobenzene-d5	95	%	95	%	113	94	89	94	89	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


 Phyllis Shiller, Laboratory Director
 February 17, 2025

Monday, February 17, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS23184 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS23184	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CS23185	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.072	0.032	0.032	0.032	ppbv
CS23186	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS23187	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	22.5	0.184	14.8	14.8	ppbv
CS23188	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.070	0.037	0.037	0.037	ppbv
CS23188	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.069	0.032	0.032	0.032	ppbv
CS23189	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS23190	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CS23191	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	2.25	0.185	1.12	1.12	ppbv
CS23198	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	17.2	0.184	14.8	14.8	ppbv
CS23199	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	2.73	0.185	1.12	1.12	ppbv
CS23199	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	44.3	0.184	14.8	14.8	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



587 East Middle Turnpike P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.1823

LABELLA

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

P.O. #

Page 1 of 2

Data Delivery:

☐ Fax #:

☐ Email:

☐ Phone #:

Report to:	Todd Rollend	Project Name:	NEWTON	Data Format:	(Circle) Equis	Other:	Exce
Customer:	Labella Associates DPC	Invoice to:		Requested Deliverable:	RCP	ASPCAT B	
Address:	5 McCrea Hill Rd.,	Sampled by:	GL, CB, TR	Quote Number:	LA050724RM	MCP	NJ Deliverables
16475	Ballston Spa, NY 12020						

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY										MATRIX		ANALYSES			
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (C) Composite	TO-15	APH
23184	IA-11	49259	6.0L	-30	-6	5656	10.9	1038	1806	12/14/24	-30	-8.0	X	G	G	X	
23185	IA-6	12863	6.0L	-30	-3	6989	11.4	1023	1814	12/14/24	-30	-2.5	X	G	G	X	
23186	IA-22	49239	6.0L	-30	-6	7047	11.3	0857	1653	12/15/24	-30	-6.0	X	G	G	X	
23187	SS-5	19632	6.0L	-30	-4	10694	10.8	0843	1726	12/14/24	-30	-4.9	X	G	G	X	
23188	IA-4	21318	6.0L	-30	-5	10691	10.5	0953	1743	12/15/24	-30	-4.9	X	G	G	X	
23189	IA-16	7641	6.0L	-30	-5	5658	11.1	0943	1722	12/14/24	-30	-4.9	X	G	G	X	
23190	IA-5	49204	6.0L	-30	-3	10587	11.1	0919	1727	12/14/24	-29	-2.5	X	G	G	X	
23191	SS-16	19844	6.0L	-30	-6	10568	11.4	0938	1721	12/14/24	-30	-4.0	X	G	G	X	
23192	SS-11	49201	6.0L	-30	-6	5041	10.8	1033	1805	12/14/24	-30	-4.1	X	G	G	X	
23193	SS-6	273	6.0L	-30	4	10607	10.5	1022	1814	12/14/24	-30	-4.9	X	G	G	X	

Relinquished by: Todd Rollend Date: 12/14/24
Accepted by: Gregory Matall Date: 12/14/24
Time: 0800
I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

State Where Samples Collected:	NY	Requested Criteria: (Please Circle)	NI	NY	PA:	VT:
Turnaround Time:	☐ 1 Day* ☐ 2 Day* ☐ 3 Day* ☐ 4 Day* ☐ 5 Day* ☒ Standard	TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	Indoor Air Residential Ind/Commercial Soil Gas Residential Ind/Commercial	Indoor Air Residential Ind/Commercial Soil Gas Residential Ind/Commercial	Indoor Air Residential Non-Residential	Indoor Air Residential Industrial Sub-lab Residential Industrial
SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:						
(13) - 6.0L, 8 hr, 13 Connectors						
12/19/24 17:30						



587 East Middle Turnpike P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.1823

LABELLA

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

P.O. #

Page 2 of 2

Data Delivery:

Fax #:

Email:

Phone #:

Report to:	Todd Rallend	Project Name:	NEWTON	Data Format:	(Circle) Equis (Excel) Other:
Customer:	Labella Associates DPC	Invoice to:		Requested Deliverable:	RCP AS CATB
Address:	5 McCrea Hill Rd.,				MCP NJ Deliverables
16475	Ballston Spa, NY 12020	Sampled by:	GL CB TR	Quote Number:	LA050724RM

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (C) Composite (C)	TO-15	APH
THIS SECTION FOR LAB USE ONLY																	
23194	Dup-5	13645	6.0L	-30	-7	2985	22.1			12/5/24				X	X	X	
23195	55-18	11290	6.0L	-30	-7	2985	22.1	1002	1721	12/5/24	-29	-8.0		X	X	X	
23196	Dup-4	21356	6.0L	-30	-3	6998	22.3			12/5/24				X	X	X	
23197	55-19	11288	6.0L	-30	-3	6998	22.3	0925	1709	12/5/24	-29	-4.0		X	X	X	
23198	Dup-2	49214	6.0L	-30	0	4966	22			12/4/24				X	X	X	
23199	55-4	49197	6.0L	-30	0	4966	22	0952	1248	12/4/24	-27	-1.0		X	X	X	

Relinquished by:	Accepted by:	Date:	Time:
	<i>Gregory M. White</i>	12/20/24	14:35

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

State Where Samples Collected:	AY	Requested Criteria:	CL:	NI:	NY:	PA:	VT:
SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:							
(13) - 6.0L 8 hr, 13 Connectors							
SURCHARGES MAY APPLY							
12/19/24 17:30							

Greg Lawrence

From: Greg Lawrence
Sent: Tuesday, December 10, 2024 3:42 PM
To: trollend@labellapc.com
Subject: Newton Air Samples
Attachments: GCS23184-ChainofCustody-1.pdf

The following samples were received at 0" of Hg, would you still like us to analyze them?

Sample ID SS-16, Lab ID CS23191

Sample ID Dup-2, Lab ID CS23198

Sample ID SS-4, Lab ID CS23199

Gregory Lawrence

Assistant Laboratory Director

Phoenix Environmental Laboratories, Inc.

587 East Middle Turnpike | Manchester, CT 06040

Direct Line: (860)-812-0812

www.phoenixlabs.com



Greg Lawrence

From: Rollend, Todd <trollend@labellapc.com>
Sent: Tuesday, December 10, 2024 3:48 PM
To: Greg Lawrence
Cc: Carr, Michael
Subject: RE: [Ext] Newton Air Samples

Yeah – run them. We may need to resample in the future. Thanks for the heads up.

Todd Rollend

LaBella Associates | Environmental Scientist
he/him/his

838-946-5159 direct office line
518-365-3333 cell

From: Greg Lawrence <greg@phoenixlabs.com>
Sent: Tuesday, December 10, 2024 3:42 PM
To: Rollend, Todd <trollend@labellapc.com>
Subject: [Ext] Newton Air Samples

The following samples were received at 0" of Hg, would you still like us to analyze them?

Sample ID SS-16, Lab ID CS23191
Sample ID Dup-2, Lab ID CS23198
Sample ID SS-4, Lab ID CS23199

Gregory Lawrence

Assistant Laboratory Director
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike | Manchester, CT 06040
Direct Line: (860)-812-0812
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Tuesday, February 18, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCS22164
Sample ID#s: CS22164 - CS22176

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCS22164



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

February 18, 2025

SDG I.D.: GCS22164

Labella Associates DPC NEWTON

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

February 18, 2025

SDG I.D.: GCS22164

Labella Associates DPC NEWTON

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS22164	Volatiles (TO15)	12/04/24	12/06/24	12/06/24	KCA	Y
CS22165	Volatiles (TO15)	12/04/24	12/06/24	12/06/24	KCA	Y
CS22166	Volatiles (TO15)	12/04/24	12/06/24	12/06/24	KCA	Y
CS22167	Volatiles (TO15)	12/04/24	12/07/24	12/07/24	KCA	Y
CS22168	Volatiles (TO15)	12/04/24	12/06/24	12/06/24	KCA	Y
CS22169	Volatiles (TO15)	12/04/24	12/09/24	12/09/24	KCA	Y
CS22170	Volatiles (TO15)	12/04/24	12/07/24	12/07/24	KCA	Y
CS22171	Volatiles (TO15)	12/04/24	12/07/24	12/07/24	KCA	Y
CS22172	Volatiles (TO15)	12/04/24	12/06/24	12/06/24	KCA	Y
CS22173	Volatiles (TO15)	12/04/24	12/07/24	12/07/24	KCA	Y
CS22174	Volatiles (TO15)	12/05/24	12/06/24	12/06/24	KCA	Y
CS22175	Volatiles (TO15)	12/05/24	12/07/24	12/07/24	KCA	Y
CS22176	Volatiles (TO15)	12/05/24	12/07/24	12/07/24	KCA	Y



Environmental Laboratories, Inc.
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SDG Comments

February 18, 2025

SDG I.D.: GCS22164

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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Sample Id Cross Reference

February 18, 2025

SDG I.D.: GCS22164

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
IA-2	CS22164	AIR	12/04/24 17:15
IA-17	CS22165	AIR	12/04/24 17:58
IA-10	CS22166	AIR	12/04/24 17:38
SS-10	CS22167	AIR	12/04/24 17:37
IA-23	CS22168	AIR	12/04/24 16:24
SS-23	CS22169	AIR	12/04/24 16:25
SS-2	CS22170	AIR	12/04/24 17:17
SS-12	CS22171	AIR	12/04/24 17:31
IA-19	CS22172	AIR	12/04/24 17:10
SS-17	CS22173	AIR	12/04/24 17:57
OA-3	CS22174	AIR	12/05/24 17:18
SS-22	CS22175	AIR	12/05/24 16:52
DUP-3	CS22176	AIR	12/05/24 0:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28605

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24 17:15
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: IA-2

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22164

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	0.684	0.204	0.204	3.36	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	0.271	0.204	0.204	1.33	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	0.764	0.204	0.204	3.75	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	4.83	0.421	0.421	11.5	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.086	0.032	0.032	0.54	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	0.418	0.205	0.205	2.04	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.629	0.485	0.485	1.30	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.452	0.202	0.202	2.23	1.00	1.00	12/06/24	KCA	1
Ethanol	77.2	E 0.531	0.531	145	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	0.397	0.278	0.278	1.43	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	2.53	0.407	0.407	6.22	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	5.92	0.581	0.581	10.2	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	2.48	0.037	0.037	16.8	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	0.501	0.266	0.266	1.89	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	0.059	0.037	0.037	0.32	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	1.71	0.178	0.178	9.6	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	90	%	%	90	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	92	%	%	92	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	86	%	%	86	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 7635

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24 17:58
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: IA-17

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22165

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	6.11	0.421	0.421	14.5	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.079	0.032	0.032	0.50	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.691	0.485	0.485	1.43	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.479	0.202	0.202	2.37	1.00	1.00	12/06/24	KCA	1
Ethanol	139	E 0.531	0.531	262	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	9.38	0.407	0.407	23.0	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	0.166	0.037	0.037	1.13	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	0.310	0.037	0.037	1.66	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.254	0.178	0.178	1.43	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	90	%	%	90	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	92	%	%	92	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	90	%	%	90	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28586

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24 17:38
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: IA-10

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22166

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	1.60	0.244	0.244	6.55	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	529	E 0.421	0.421	1260	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.079	0.032	0.032	0.50	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	0.271	0.205	0.205	1.32	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.620	0.485	0.485	1.28	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.436	0.202	0.202	2.15	1.00	1.00	12/06/24	KCA	1
Ethanol	425	E 0.531	0.531	800	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	23.2	0.278	0.278	83.5	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	1.28	0.244	0.244	5.24	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	406	E 0.407	0.407	997	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	2.25	0.339	0.339	6.63	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	0.349	0.266	0.266	1.31	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.538	0.178	0.178	3.02	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	89	%	%	89	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	91	%	%	91	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	90	%	%	90	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49231

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24
12/06/24

Time

17:37
16:40

Project ID: NEWTON
Client ID: SS-10

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22167

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/07/24	KCA	5
1,2,4-Trimethylbenzene	1.66	1.02	1.02	8.16	5.01	5.01	12/07/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/07/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/07/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/07/24	KCA	5
1,3-Dichlorobenzene	0.890	0.832	0.832	5.35	5.00	5.00	12/07/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
4-Ethyltoluene	1.38	1.02	1.02	6.78	5.01	5.01	12/07/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
Acetone	36.7	2.11	2.11	87.1	5.01	5.01	12/07/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/07/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/07/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/07/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/07/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/07/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/07/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/07/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/07/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/07/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/07/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/07/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/07/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/07/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/07/24	KCA	5
Ethanol	77.9	2.66	2.66	147	5.01	5.01	12/07/24	KCA	5 1
Ethyl acetate	4.48	1.39	1.39	16.1	5.01	5.01	12/07/24	KCA	5 1
Ethylbenzene	1.16	1.15	1.15	5.03	4.99	4.99	12/07/24	KCA	5
Heptane	1.80	1.22	1.22	7.37	5.00	5.00	12/07/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/07/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/07/24	KCA	5
Isooctane	3.60	1.07	1.07	16.8	4.99	4.99	12/07/24	KCA	5
Isopropylalcohol	147	2.04	2.04	361	5.01	5.01	12/07/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
m,p-Xylene	4.24	1.15	1.15	18.4	4.99	4.99	12/07/24	KCA	5
Methyl Ethyl Ketone	5.36	1.70	1.70	15.8	5.01	5.01	12/07/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/07/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/07/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
o-Xylene	1.47	1.15	1.15	6.38	4.99	4.99	12/07/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/07/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/07/24	KCA	5
Tetrachloroethene	0.265	0.184	0.184	1.80	1.25	1.25	12/07/24	KCA	5
Tetrahydrofuran	3.09	1.70	1.70	9.11	5.01	5.01	12/07/24	KCA	5 1
Toluene	4.08	1.33	1.33	15.4	5.01	5.01	12/07/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/07/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/07/24	KCA	5
Trichlorofluoromethane	12.7	0.891	0.891	71.3	5.00	5.00	12/07/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/07/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/07/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	113	%	%	113	%	%	12/07/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	75	%	%	75	%	%	12/07/24	KCA	5
% IS-Bromochloromethane (5x)	75	%	%	75	%	%	12/07/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	76	%	%	76	%	%	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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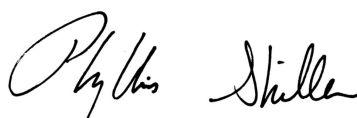
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28583

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24 16:24
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: IA-23

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22168

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	26.9	0.421	0.421	63.9	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.081	0.032	0.032	0.51	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.709	0.485	0.485	1.46	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	3.79	0.202	0.202	18.7	1.00	1.00	12/06/24	KCA	1
Ethanol	185	E 0.531	0.531	348	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	1.03	0.278	0.278	3.71	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	54.1	E 0.407	0.407	133	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	0.364	0.339	0.339	1.07	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	1.29	0.266	0.266	4.86	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.501	0.178	0.178	2.81	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	99	%	%	99	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	89	%	%	89	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	91	%	%	91	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	90	%	%	90	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19385

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24 16:25
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: SS-23

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22169

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/07/24	KCA	5
1,2,4-Trimethylbenzene	1.06	1.02	1.02	5.21	5.01	5.01	12/07/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/07/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/07/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/07/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
4-Ethyltoluene	1.03	1.02	1.02	5.06	5.01	5.01	12/07/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
Acetone	44.7	2.11	2.11	106	5.01	5.01	12/07/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/07/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/07/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/07/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/07/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/07/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/07/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/07/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/07/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/07/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/07/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/07/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/07/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/07/24	KCA	5
Dichlorodifluoromethane	255	3.04	3.04	1260	15.0	15.0	12/09/24	KCA	15
Ethanol	91.3	2.66	2.66	172	5.01	5.01	12/07/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/07/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/07/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/07/24	KCA	5
Isooctane	1.25	1.07	1.07	5.82	4.99	4.99	12/07/24	KCA	5
Isopropylalcohol	35.3	2.04	2.04	86.7	5.01	5.01	12/07/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
m,p-Xylene	2.62	1.15	1.15	11.4	4.99	4.99	12/07/24	KCA	5
Methyl Ethyl Ketone	3.30	1.70	1.70	9.7	5.01	5.01	12/07/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/07/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/07/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/07/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/07/24	KCA	5
Tetrachloroethene	2.08	0.184	0.184	14.1	1.25	1.25	12/07/24	KCA	5
Tetrahydrofuran	8.72	1.70	1.70	25.7	5.01	5.01	12/07/24	KCA	5
Toluene	3.20	1.33	1.33	12.1	5.01	5.01	12/07/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/07/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/07/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/07/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/07/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/07/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	111	%	%	111	%	%	12/07/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	75	%	%	75	%	%	12/07/24	KCA	5
% IS-Bromochloromethane (5x)	76	%	%	76	%	%	12/07/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	77	%	%	77	%	%	12/07/24	KCA	5
% Bromofluorobenzene (15x)	109	%	%	109	%	%	12/09/24	KCA	15
% IS-1,4-Difluorobenzene (15x)	91	%	%	91	%	%	12/09/24	KCA	15

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Bromochloromethane (15x)	91	%	%	91	%	%	12/09/24	KCA	15
% IS-Chlorobenzene-d5 (15x)	91	%	%	91	%	%	12/09/24	KCA	15

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28566

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24
12/06/24

Time

17:17
16:40

Project ID: NEWTON
Client ID: SS-2

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22170

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/07/24	KCA	5
1,2,4-Trimethylbenzene	2.83	1.02	1.02	13.9	5.01	5.01	12/07/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/07/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/07/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/07/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
4-Ethyltoluene	3.22	1.02	1.02	15.8	5.01	5.01	12/07/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
Acetone	13.3	2.11	2.11	31.6	5.01	5.01	12/07/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/07/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/07/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	0.755	0.747	0.747	5.06	5.00	5.00	12/07/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/07/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/07/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/07/24	KCA	5
Carbon Tetrachloride	0.185	0.159	0.159	1.16	1.00	1.00	12/07/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/07/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/07/24	KCA	5
Chloroform	25.4	1.02	1.02	124	4.98	4.98	12/07/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/07/24	KCA	5
Cis-1,2-Dichloroethene	12.4	0.252	0.252	49.1	1.00	1.00	12/07/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/07/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/07/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/07/24	KCA	5
Ethanol	32.7	2.66	2.66	61.6	5.01	5.01	12/07/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Ethylbenzene	1.83	1.15	1.15	7.94	4.99	4.99	12/07/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/07/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/07/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/07/24	KCA	5
Isooctane	6.38	1.07	1.07	29.7	4.99	4.99	12/07/24	KCA	5
Isopropylalcohol	38.4	2.04	2.04	94.3	5.01	5.01	12/07/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
m,p-Xylene	6.56	1.15	1.15	28.5	4.99	4.99	12/07/24	KCA	5
Methyl Ethyl Ketone	4.18	1.70	1.70	12.3	5.01	5.01	12/07/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/07/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/07/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
o-Xylene	2.84	1.15	1.15	12.3	4.99	4.99	12/07/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/07/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/07/24	KCA	5
Tetrachloroethene	147	0.184	0.184	996	1.25	1.25	12/07/24	KCA	5
Tetrahydrofuran	8.64	1.70	1.70	25.5	5.01	5.01	12/07/24	KCA	5
Toluene	4.99	1.33	1.33	18.8	5.01	5.01	12/07/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/07/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Trichloroethene	59.1	0.185	0.185	317	0.99	0.99	12/07/24	KCA	5
Trichlorofluoromethane	11.3	0.891	0.891	63.4	5.00	5.00	12/07/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/07/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/07/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	113	%	%	113	%	%	12/07/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	72	%	%	72	%	%	12/07/24	KCA	5
% IS-Bromochloromethane (5x)	70	%	%	70	%	%	12/07/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	72	%	%	72	%	%	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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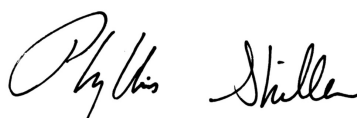
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28590

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24 17:31
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: SS-12

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22171

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/07/24	KCA	5
1,2,4-Trimethylbenzene	1.18	1.02	1.02	5.80	5.01	5.01	12/07/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/07/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/07/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/07/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
Acetone	62.6	2.11	2.11	149	5.01	5.01	12/07/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/07/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/07/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/07/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/07/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/07/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/07/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/07/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/07/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/07/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/07/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/07/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/07/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/07/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/07/24	KCA	5
Ethanol	91.7	2.66	2.66	173	5.01	5.01	12/07/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/07/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/07/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/07/24	KCA	5
Isooctane	2.12	1.07	1.07	9.9	4.99	4.99	12/07/24	KCA	5
Isopropylalcohol	42.2	2.04	2.04	104	5.01	5.01	12/07/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
m,p-Xylene	2.28	1.15	1.15	9.9	4.99	4.99	12/07/24	KCA	5
Methyl Ethyl Ketone	6.70	1.70	1.70	19.7	5.01	5.01	12/07/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/07/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/07/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/07/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/07/24	KCA	5
Tetrachloroethene	0.235	0.184	0.184	1.59	1.25	1.25	12/07/24	KCA	5
Tetrahydrofuran	16.0	1.70	1.70	47.2	5.01	5.01	12/07/24	KCA	5 1
Toluene	2.48	1.33	1.33	9.34	5.01	5.01	12/07/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/07/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/07/24	KCA	5
Trichlorofluoromethane	4.79	0.891	0.891	26.9	5.00	5.00	12/07/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/07/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/07/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	113	%	%	113	%	%	12/07/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	69	%	%	69	%	%	12/07/24	KCA	5
% IS-Bromochloromethane (5x)	68	%	%	68	%	%	12/07/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	69	%	%	69	%	%	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 5578

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24 17:10
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: IA-19

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22172

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	13.0	0.421	0.421	30.9	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.076	0.032	0.032	0.48	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.616	0.485	0.485	1.27	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.989	0.202	0.202	4.89	1.00	1.00	12/06/24	KCA	1
Ethanol	314	E 0.531	0.531	591	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	0.342	0.278	0.278	1.23	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	728	E 0.407	0.407	1790	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	0.057	0.037	0.037	0.39	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	0.269	0.266	0.266	1.01	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.444	0.178	0.178	2.49	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	91	%	%	91	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	93	%	%	93	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	92	%	%	92	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49257

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/04/24
12/06/24

Time

17:57
16:40

Project ID: NEWTON
Client ID: SS-17

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22173

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/07/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/07/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/07/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/07/24	KCA	5
1,3-Dichlorobenzene	2.68	0.832	0.832	16.1	5.00	5.00	12/07/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
4-Methyl-2-pentanone(MIBK)	1.99	1.22	1.22	8.15	4.99	4.99	12/07/24	KCA	5
Acetone	59.6	2.11	2.11	141	5.01	5.01	12/07/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/07/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/07/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/07/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/07/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/07/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/07/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/07/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/07/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/07/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/07/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/07/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/07/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/07/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/07/24	KCA	5
Ethanol	116	2.66	2.66	218	5.01	5.01	12/07/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/07/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/07/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/07/24	KCA	5
Isooctane	1.23	1.07	1.07	5.73	4.99	4.99	12/07/24	KCA	5
Isopropylalcohol	69.3	2.04	2.04	170	5.01	5.01	12/07/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
m,p-Xylene	1.29	1.15	1.15	5.60	4.99	4.99	12/07/24	KCA	5
Methyl Ethyl Ketone	5.29	1.70	1.70	15.6	5.01	5.01	12/07/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/07/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/07/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/07/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/07/24	KCA	5
Tetrachloroethene	0.595	0.184	0.184	4.03	1.25	1.25	12/07/24	KCA	5
Tetrahydrofuran	5.32	1.70	1.70	15.7	5.01	5.01	12/07/24	KCA	5 1
Toluene	1.93	1.33	1.33	7.27	5.01	5.01	12/07/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/07/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/07/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/07/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/07/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/07/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	111	%	%	111	%	%	12/07/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	73	%	%	73	%	%	12/07/24	KCA	5
% IS-Bromochloromethane (5x)	71	%	%	71	%	%	12/07/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	74	%	%	74	%	%	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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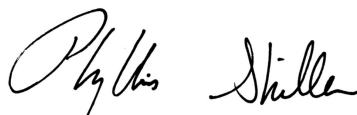
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19859

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/05/24 17:18
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: OA-3

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22174

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	1.80	0.421	0.421	4.27	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.077	0.032	0.032	0.48	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.620	0.485	0.485	1.28	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	12/06/24	KCA	1
Ethanol	59.0	E 0.531	0.531	111	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	1.28	0.407	0.407	3.14	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.208	0.178	0.178	1.17	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	97	%	%	97	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	92	%	%	92	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	94	%	%	94	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	89	%	%	89	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 0236

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/05/24 16:52
12/06/24 16:40

Time

Project ID: NEWTON
Client ID: SS-22

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22175

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/07/24	KCA	5
1,2,4-Trimethylbenzene	2.34	1.02	1.02	11.5	5.01	5.01	12/07/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/07/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/07/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/07/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
4-Ethyltoluene	1.83	1.02	1.02	8.99	5.01	5.01	12/07/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
Acetone	77.2	2.11	2.11	183	5.01	5.01	12/07/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/07/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/07/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/07/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/07/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/07/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/07/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/07/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/07/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/07/24	KCA	5
Chloroform	2.60	1.02	1.02	12.7	4.98	4.98	12/07/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/07/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/07/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/07/24	KCA	5
Dichlorodifluoromethane	2.82	1.01	1.01	13.9	4.99	4.99	12/07/24	KCA	5
Ethanol	68.4	2.66	2.66	129	5.01	5.01	12/07/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/07/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/07/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/07/24	KCA	5
Isooctane	1.19	1.07	1.07	5.55	4.99	4.99	12/07/24	KCA	5
Isopropylalcohol	34.4	2.04	2.04	84.5	5.01	5.01	12/07/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
m,p-Xylene	3.40	1.15	1.15	14.8	4.99	4.99	12/07/24	KCA	5
Methyl Ethyl Ketone	4.00	1.70	1.70	11.8	5.01	5.01	12/07/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/07/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/07/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
o-Xylene	1.41	1.15	1.15	6.12	4.99	4.99	12/07/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/07/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/07/24	KCA	5
Tetrachloroethene	0.490	0.184	0.184	3.32	1.25	1.25	12/07/24	KCA	5
Tetrahydrofuran	11.4	1.70	1.70	33.6	5.01	5.01	12/07/24	KCA	5 1
Toluene	2.48	1.33	1.33	9.34	5.01	5.01	12/07/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/07/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/07/24	KCA	5
Trichlorofluoromethane	16.0	0.891	0.891	89.8	5.00	5.00	12/07/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/07/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/07/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	112	%	%	112	%	%	12/07/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	73	%	%	73	%	%	12/07/24	KCA	5
% IS-Bromochloromethane (5x)	73	%	%	73	%	%	12/07/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	74	%	%	74	%	%	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 11285

Custody Information

Collected by: GL, CB, TR
Received by: LB
Analyzed by: see "By" below

Date

12/05/24

Time

16:40

Project ID: NEWTON
Client ID: DUP-3

Laboratory Data

SDG ID: GCS22164
Phoenix ID: CS22176

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/07/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/07/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/07/24	KCA	5
1,2,4-Trimethylbenzene	2.48	1.02	1.02	12.2	5.01	5.01	12/07/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/07/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/07/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/07/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/07/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/07/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
4-Ethyltoluene	1.88	1.02	1.02	9.24	5.01	5.01	12/07/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/07/24	KCA	5
Acetone	71.9	2.11	2.11	171	5.01	5.01	12/07/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/07/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/07/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/07/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/07/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/07/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/07/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/07/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/07/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/07/24	KCA	5
Chloroform	2.50	1.02	1.02	12.2	4.98	4.98	12/07/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/07/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/07/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/07/24	KCA	5
Dichlorodifluoromethane	2.64	1.01	1.01	13.0	4.99	4.99	12/07/24	KCA	5
Ethanol	65.4	2.66	2.66	123	5.01	5.01	12/07/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/07/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/07/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/07/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/07/24	KCA	5
Isooctane	1.11	1.07	1.07	5.17	4.99	4.99	12/07/24	KCA	5
Isopropylalcohol	32.7	2.04	2.04	80.3	5.01	5.01	12/07/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/07/24	KCA	5
m,p-Xylene	3.25	1.15	1.15	14.1	4.99	4.99	12/07/24	KCA	5
Methyl Ethyl Ketone	3.85	1.70	1.70	11.3	5.01	5.01	12/07/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/07/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/07/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/07/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
o-Xylene	1.38	1.15	1.15	5.99	4.99	4.99	12/07/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/07/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/07/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/07/24	KCA	5
Tetrachloroethene	0.430	0.184	0.184	2.91	1.25	1.25	12/07/24	KCA	5
Tetrahydrofuran	11.0	1.70	1.70	32.4	5.01	5.01	12/07/24	KCA	5
Toluene	2.35	1.33	1.33	8.85	5.01	5.01	12/07/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/07/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/07/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/07/24	KCA	5
Trichlorofluoromethane	15.9	0.891	0.891	89.3	5.00	5.00	12/07/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/07/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/07/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	110	%	%	110	%	%	12/07/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	72	%	%	72	%	%	12/07/24	KCA	5
% IS-Bromochloromethane (5x)	72	%	%	72	%	%	12/07/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	75	%	%	75	%	%	12/07/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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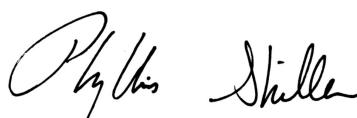
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 18, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

February 18, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Location Code: LABELLA

SDG I.D.: GCS22164

Project ID: NEWTON

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-2	CS22164	28605	6.0L	7026	11/13/24	-30	-2	11.3	11.5	1.8	-29	-2.0	12/04/24 09:00	12/04/24 17:18
IA-17	CS22165	7635	6.0L	10637	11/13/24	-30	-6	11	11.1	0.9	-31	-7.0	12/04/24 10:24	12/04/24 17:58
IA-10	CS22166	28586	6.0L	7005	11/13/24	-30	-5	11	11.1	0.9	-32	-4.9	12/04/24 09:51	12/04/24 17:38
SS-10	CS22167	49231	6.0L	4960	11/13/24	-30	-5	11.4	11.1	2.7	-31	-4.9	12/04/20 09:50	12/04/24 17:37
IA-23	CS22168	28583	6.0L	6234	11/13/24	-30	-5	11.4	11.8	3.4	-31	-4.2	12/05/24 08:40	12/05/24 16:24
SS-23	CS22169	19385	6.0L	10603	11/13/24	-30	-4	10.9	10.9	0.0	-30	-4.9	12/05/24 08:39	12/05/24 16:25
SS-2	CS22170	28566	6.0L	7036	11/13/24	-30	-3	11.2	11.4	1.8	-31	-4.0	12/04/24 08:59	12/04/24 17:17
SS-12	CS22171	28590	6.0L	3190	11/13/24	-30	-8	11.3	11.5	1.8	-31	-9.0	12/05/24 10:48	12/05/24 17:31
IA-19	CS22172	5578	6.0L	5539	11/13/24	-30	-5	11.3	11.5	1.8	-27	-4.9	12/05/24 09:27	12/05/24 17:10
SS-17	CS22173	49257	6.0L	5388	11/13/24	-30	-5	11.1	11.2	0.9	-30	-4.5	12/04/24 10:23	12/04/24 17:57
OA-3	CS22174	19859	6.0L	7424	11/13/24	-30	-4	11.1	11.3	1.8	-29	-4.9	12/05/24 09:36	12/05/24 17:18
SS-22	CS22175	0236	6.0L	5712	11/13/24	-30	-6	22.5	23.6	4.8	-29	-6.3	12/05/24 08:56	12/05/24 16:52
DUP-3	CS22176	11285	6.0L	5712	11/13/24	-30	-6	22.5	23.6	4.8		-6.0	12/05/24 00:00	12/05/24 00:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

February 18, 2025

QA/QC Data

SDG I.D.: GCS22164

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 761497 (ppbv), QC Sample No: CS21903 (CS22167 (5X) , CS22169 (5X) , CS22170 (5X) , CS22171 (5X) , CS22173 (5X) , CS22175 (5X) , CS22176 (5X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	97	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	139	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	104	0.05	0.07	0.013	0.018	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	96	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	89	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	106	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	62	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	96	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	78	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	102	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	83	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	90	36.3	37.5	15.3	15.8	3.2	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	94	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	109	0.64	0.62	0.201	0.194	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	109	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	104	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	110	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	91	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	92	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	106	0.46	0.47	0.073	0.074	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	96	0.94	1.05	0.455	0.511	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	97	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	103	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	93	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	109	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS22164

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Dichlorodifluoromethane	ND	0.250	ND	1.24	101	1.67	1.72	0.337	0.348	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	93	12.1	12.7	6.44	6.72	4.3	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	120	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	102	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	134	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	103	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	88	1.27	1.27	0.515	0.516	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	105	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	99	6.90	6.99	2.34	2.37	1.3	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	98	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	89	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	133	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	95	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	101	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	91	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	103	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	102	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	98	13.0	13.7	4.41	4.66	5.5	70 - 130	25
Toluene	ND	0.250	ND	0.94	104	1.09	1.08	0.290	0.287	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	105	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	97	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	97	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	93	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	112	%	112	%	99	112	114	112	114	NC	70 - 130	25
% IS-1,4-Difluorobenzene	102	%	102	%	90	88	84	88	84	NC	60 - 140	25
% IS-Bromochloromethane	104	%	104	%	96	86	83	86	83	NC	60 - 140	25
% IS-Chlorobenzene-d5	102	%	102	%	105	91	87	91	87	NC	60 - 140	25

QA/QC Batch 761618 (ppbv), QC Sample No: CS21908 (CS22169 (15X))

Volatiles

Dichlorodifluoromethane	ND	0.250	ND	1.24	96	1.62	1.69	0.327	0.342	NC	70 - 130	25
% Bromofluorobenzene	112	%	112	%	98	111	112	111	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	110	%	110	%	88	95	94	95	94	NC	60 - 140	25
% IS-Bromochloromethane	113	%	113	%	95	97	100	97	100	NC	60 - 140	25
% IS-Chlorobenzene-d5	109	%	109	%	104	95	95	95	95	NC	60 - 140	25

QA/QC Batch 761495 (ppbv), QC Sample No: CS22254 (CS22164, CS22165, CS22166, CS22168, CS22172, CS22174)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	110	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	94	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS22164

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,2-dichloropropane	ND	0.220	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	118	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	109	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	128	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	125	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	115	15.2	15.1	6.41	6.36	0.8	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	110	0.52	0.52	0.082	0.083	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	124	3.90	3.84	1.89	1.86	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	105	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	105	2.39	2.34	0.484	0.474	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	121	35.4	31.8	18.8	16.9	10.6	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	132	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	122	1.22	1.22	0.298	0.297	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	112	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	112	3.68	3.93	1.50	1.60	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	104	1.07	1.09	0.246	0.251	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	119	1.73	1.72	0.588	0.583	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	113	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	92	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	100	0.34	0.33	0.050	0.048	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	123	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	103	7.87	7.98	2.09	2.12	1.4	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	104	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

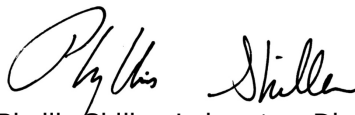
SDG I.D.: GCS22164

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Trichloroethene	ND	0.037	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	103	1.24	1.29	0.221	0.229	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	110	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	93	%	93	%	98	99	101	99	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	104	%	104	%	99	87	86	87	86	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	97	90	89	90	89	NC	60 - 140	25
% IS-Chlorobenzene-d5	103	%	103	%	108	86	85	86	85	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


 Phyllis Shiller, Laboratory Director
 February 18, 2025

Tuesday, February 18, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS22164 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS22164	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.059	0.037	0.037	0.037	ppbv
CS22164	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	2.48	0.037	0.443	0.443	ppbv
CS22164	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.086	0.032	0.032	0.032	ppbv
CS22165	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.310	0.037	0.037	0.037	ppbv
CS22165	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.079	0.032	0.032	0.032	ppbv
CS22166	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.079	0.032	0.032	0.032	ppbv
CS22168	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.081	0.032	0.032	0.032	ppbv
CS22170	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	59.1	0.185	1.12	1.12	ppbv
CS22170	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	147	0.184	14.8	14.8	ppbv
CS22170	\$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	12.4	0.252	1.51	1.51	ppbv
CS22172	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CS22174	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Monday, January 20, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON
SDG ID: GCS21162
Sample ID#s: CS21162 - CS21169

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON
Laboratory Project: GCS21162



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 20, 2025

SDG I.D.: GCS21162

Labella Associates DPC NEWTON

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 20, 2025

SDG I.D.: GCS21162

Labella Associates DPC NEWTON

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS21162	Volatiles (TO15)	12/02/24	12/06/24	12/06/24	KCA	Y
CS21163	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS21164	Volatiles (TO15)	12/02/24	12/06/24	12/06/24	KCA	Y
CS21165	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS21166	Volatiles (TO15)	12/02/24	12/06/24	12/06/24	KCA	Y
CS21167	Volatiles (TO15)	12/02/24	12/06/24	12/06/24	KCA	Y
CS21168	Volatiles (TO15)	12/02/24	12/06/24	12/06/24	KCA	Y
CS21169	Volatiles (TO15)	12/02/24	12/06/24	12/06/24	KCA	Y



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

January 20, 2025

SDG I.D.: GCS21162

Project ID: NEWTON

Client Id	Lab Id	Matrix	Col Date
OA-1	CS21162	AIR	12/02/24 18:42
SS-9	CS21163	AIR	12/02/24 9:58
IA-15	CS21164	AIR	12/02/24 9:40
SS-15	CS21165	AIR	12/02/24 9:39
IA-3	CS21166	AIR	12/02/24 9:08
IA-7	CS21167	AIR	12/02/24 9:26
SS-3	CS21168	AIR	12/02/24 9:07
SS-7	CS21169	AIR	12/02/24 9:25



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 227

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24 18:42
12/05/24 17:26

Time

Project ID: NEWTON
Client ID: OA-1

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21162

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	1.60	0.421	0.421	3.80	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.074	0.032	0.032	0.47	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.589	0.485	0.485	1.22	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.450	0.202	0.202	2.22	1.00	1.00	12/06/24	KCA	1
Ethanol	2.56	0.531	0.531	4.82	1.00	1.00	12/06/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	0.580	0.407	0.407	1.42	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.210	0.178	0.178	1.18	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	97	%	%	97	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	97	%	%	97	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	98	%	%	98	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	95	%	%	95	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 233

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24 9:58
12/05/24 17:26

Time

Project ID: NEWTON
Client ID: SS-9

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21163

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	1.43	1.02	1.02	7.03	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	1.10	1.02	1.02	5.40	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	31.1	2.11	2.11	73.8	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	78.6	2.66	2.66	148	5.01	5.01	12/05/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5 1
Ethylbenzene	1.22	1.15	1.15	5.29	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	5.41	1.07	1.07	25.2	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	133	2.04	2.04	327	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	4.16	1.15	1.15	18.1	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	6.14	1.70	1.70	18.1	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
o-Xylene	1.43	1.15	1.15	6.21	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	27.5	0.184	0.184	186	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	4.50	1.70	1.70	13.3	5.01	5.01	12/05/24	KCA	5 1
Toluene	5.10	1.33	1.33	19.2	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	159	0.891	0.891	893	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	91	%	%	91	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	94	%	%	94	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	93	%	%	93	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	100	%	%	100	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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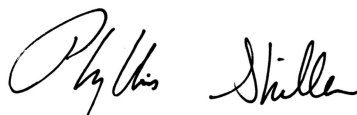
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28621

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24 9:40
12/05/24 17:26

Time

Project ID: NEWTON
Client ID: IA-15

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21164

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	32.9	0.421	0.421	78.1	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	0.155	0.149	0.149	1.04	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.077	0.032	0.032	0.48	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	1.08	0.205	0.205	5.27	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.756	0.485	0.485	1.56	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.463	0.202	0.202	2.29	1.00	1.00	12/06/24	KCA	1
Ethanol	948	E 0.531	0.531	1790	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	0.705	0.278	0.278	2.54	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	0.293	0.284	0.284	1.03	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	651	E 0.407	0.407	1600	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	2.72	0.339	0.339	8.02	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	0.310	0.037	0.037	2.10	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	0.354	0.266	0.266	1.33	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.228	0.178	0.178	1.28	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	92	%	%	92	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	92	%	%	92	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	94	%	%	94	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 466

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24
12/05/24

Time

9:39
17:26

Project ID: NEWTON
Client ID: SS-15

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21165

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	1.54	1.02	1.02	7.57	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	1.28	1.02	1.02	6.29	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	30.5	2.11	2.11	72.4	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	1.93	1.02	1.02	9.42	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	171	2.66	2.66	322	5.01	5.01	12/05/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5 1
Ethylbenzene	1.42	1.15	1.15	6.16	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	4.71	1.07	1.07	21.9	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	124	2.04	2.04	305	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	4.82	1.15	1.15	20.9	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	4.02	1.70	1.70	11.8	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
o-Xylene	1.92	1.15	1.15	8.33	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	0.640	0.184	0.184	4.34	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	5.54	1.70	1.70	16.3	5.01	5.01	12/05/24	KCA	5 1
Toluene	4.95	1.33	1.33	18.6	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	1.71	0.891	0.891	9.6	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	92	%	%	92	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	95	%	%	95	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	96	%	%	96	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	101	%	%	101	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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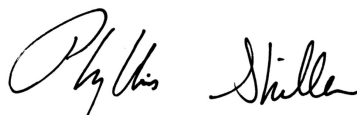
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 17161

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24
12/05/24

Time

9:08
17:26

Project ID: NEWTON
Client ID: IA-3

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21166

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	21.5	0.421	0.421	51.0	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.076	0.032	0.032	0.48	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.636	0.485	0.485	1.31	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.505	0.202	0.202	2.50	1.00	1.00	12/06/24	KCA	1
Ethanol	45.1	E 0.531	0.531	84.9	1.00	1.00	12/06/24	KCA	1 1
Ethyl acetate	0.562	0.278	0.278	2.02	1.00	1.00	12/06/24	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	4.30	0.407	0.407	10.6	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	0.396	0.339	0.339	1.17	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	0.167	0.037	0.037	1.13	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1 1
Toluene	2.71	0.266	0.266	10.2	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	0.578	0.178	0.178	3.25	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	97	%	%	97	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	94	%	%	94	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	96	%	%	96	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	94	%	%	94	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49256

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24 9:26
12/05/24 17:26

Time

Project ID: NEWTON
Client ID: IA-7

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21167

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/06/24	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/06/24	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/06/24	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/06/24	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/06/24	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/06/24	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Acetone	8.30	0.421	0.421	19.7	1.00	1.00	12/06/24	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/06/24	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/06/24	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/06/24	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/06/24	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/06/24	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/06/24	KCA	1
Carbon Tetrachloride	0.079	0.032	0.032	0.50	0.20	0.20	12/06/24	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/06/24	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/06/24	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/06/24	KCA	1
Chloromethane	0.601	0.485	0.485	1.24	1.00	1.00	12/06/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	12/06/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/06/24	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/06/24	KCA	1
Dichlorodifluoromethane	0.570	0.202	0.202	2.82	1.00	1.00	12/06/24	KCA	1
Ethanol	30.8	0.531	0.531	58.0	1.00	1.00	12/06/24	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/06/24	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/06/24	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/06/24	KCA	1
Isooctane	ND	0.215	0.215	ND	1.00	1.00	12/06/24	KCA	1
Isopropylalcohol	39.1	0.407	0.407	96.1	1.00	1.00	12/06/24	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/06/24	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Methyl Ethyl Ketone	0.372	0.339	0.339	1.10	1.00	1.00	12/06/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/06/24	KCA	1
Methylene Chloride	ND	0.863	0.863	ND	3.00	3.00	12/06/24	KCA	1
Naphthalene	ND	0.200	0.200	ND	1.05	1.05	12/06/24	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/06/24	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/06/24	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/06/24	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/06/24	KCA	1
Tetrachloroethene	0.132	0.037	0.037	0.89	0.25	0.25	12/06/24	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/06/24	KCA	1
Toluene	0.448	0.266	0.266	1.69	1.00	1.00	12/06/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/06/24	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	12/06/24	KCA	1
Trichlorofluoromethane	1.08	0.178	0.178	6.06	1.00	1.00	12/06/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/06/24	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	12/06/24	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	98	%	%	98	%	%	12/06/24	KCA	1
% IS-1,4-Difluorobenzene	94	%	%	94	%	%	12/06/24	KCA	1
% IS-Bromochloromethane	95	%	%	95	%	%	12/06/24	KCA	1
% IS-Chlorobenzene-d5	92	%	%	92	%	%	12/06/24	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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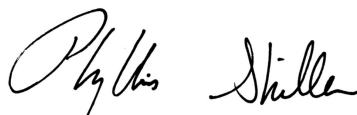
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49237

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24
12/05/24

Time

9:07
17:26

Project ID: NEWTON
Client ID: SS-3

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21168

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/06/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/06/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/06/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/06/24	KCA	5	1
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/06/24	KCA	5	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/06/24	KCA	5	1
1,2,4-Trimethylbenzene	2.96	1.02	1.02	14.5	5.01	5.01	12/06/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/06/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/06/24	KCA	5	1
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/06/24	KCA	5	
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/06/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/06/24	KCA	5	1
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/06/24	KCA	5	
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/06/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/06/24	KCA	5	1
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/06/24	KCA	5	
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/06/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/06/24	KCA	5	1
4-Ethyltoluene	2.39	1.02	1.02	11.7	5.01	5.01	12/06/24	KCA	5	
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/06/24	KCA	5	
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/06/24	KCA	5	1
Acetone	23.9	2.11	2.11	56.7	5.01	5.01	12/06/24	KCA	5	
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/06/24	KCA	5	
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/06/24	KCA	5	1
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/06/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/06/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/06/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/06/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/06/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/06/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/06/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/06/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/06/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/06/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/06/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/06/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/06/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/06/24	KCA	5
Ethanol	44.6	2.66	2.66	84.0	5.01	5.01	12/06/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/06/24	KCA	5 1
Ethylbenzene	1.66	1.15	1.15	7.20	4.99	4.99	12/06/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/06/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/06/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/06/24	KCA	5
Isooctane	4.86	1.07	1.07	22.6	4.99	4.99	12/06/24	KCA	5
Isopropylalcohol	28.5	2.04	2.04	70.0	5.01	5.01	12/06/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/06/24	KCA	5
m,p-Xylene	6.02	1.15	1.15	26.1	4.99	4.99	12/06/24	KCA	5
Methyl Ethyl Ketone	2.86	1.70	1.70	8.43	5.01	5.01	12/06/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/06/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/06/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/06/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/06/24	KCA	5 1
o-Xylene	2.57	1.15	1.15	11.2	4.99	4.99	12/06/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/06/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/06/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/06/24	KCA	5
Tetrachloroethene	31.1	0.184	0.184	211	1.25	1.25	12/06/24	KCA	5
Tetrahydrofuran	5.23	1.70	1.70	15.4	5.01	5.01	12/06/24	KCA	5 1
Toluene	6.36	1.33	1.33	24.0	5.01	5.01	12/06/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/06/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/06/24	KCA	5
Trichloroethene	2.77	0.185	0.185	14.9	0.99	0.99	12/06/24	KCA	5
Trichlorofluoromethane	30.0	0.891	0.891	168	5.00	5.00	12/06/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/06/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/06/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	95	%	%	95	%	%	12/06/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	94	%	%	94	%	%	12/06/24	KCA	5
% IS-Bromochloromethane (5x)	93	%	%	93	%	%	12/06/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	99	%	%	99	%	%	12/06/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 7647

Custody Information

Collected by: GL/CB/TR
Received by: B
Analyzed by: see "By" below

Date

12/02/24
12/05/24

Time

9:25
17:26

Project ID: NEWTON
Client ID: SS-7

Laboratory Data

SDG ID: GCS21162
Phoenix ID: CS21169

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/06/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/06/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/06/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/06/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/06/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/06/24	KCA	5
1,2,4-Trimethylbenzene	4.66	1.02	1.02	22.9	5.01	5.01	12/06/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/06/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/06/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/06/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/06/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/06/24	KCA	5
1,3,5-Trimethylbenzene	1.40	1.02	1.02	6.88	5.01	5.01	12/06/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/06/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/06/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/06/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/06/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/06/24	KCA	5
4-Ethyltoluene	4.11	1.02	1.02	20.2	5.01	5.01	12/06/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/06/24	KCA	5
4-Methyl-2-pentanone(MIBK)	2.04	1.22	1.22	8.35	4.99	4.99	12/06/24	KCA	5
Acetone	95.3	2.11	2.11	226	5.01	5.01	12/06/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/06/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/06/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/06/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/06/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/06/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/06/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/06/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/06/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/06/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/06/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/06/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/06/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/06/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/06/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/06/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/06/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/06/24	KCA	5
Ethanol	85.9	2.66	2.66	162	5.01	5.01	12/06/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/06/24	KCA	5 1
Ethylbenzene	2.65	1.15	1.15	11.5	4.99	4.99	12/06/24	KCA	5
Heptane	1.53	1.22	1.22	6.27	5.00	5.00	12/06/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/06/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/06/24	KCA	5
Isooctane	7.12	1.07	1.07	33.2	4.99	4.99	12/06/24	KCA	5
Isopropylalcohol	52.2	2.04	2.04	128	5.01	5.01	12/06/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/06/24	KCA	5
m,p-Xylene	9.93	1.15	1.15	43.1	4.99	4.99	12/06/24	KCA	5
Methyl Ethyl Ketone	6.28	1.70	1.70	18.5	5.01	5.01	12/06/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/06/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/06/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/06/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/06/24	KCA	5 1
o-Xylene	4.06	1.15	1.15	17.6	4.99	4.99	12/06/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/06/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/06/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/06/24	KCA	5
Tetrachloroethene	60.8	0.184	0.184	412	1.25	1.25	12/06/24	KCA	5
Tetrahydrofuran	8.92	1.70	1.70	26.3	5.01	5.01	12/06/24	KCA	5 1
Toluene	7.56	1.33	1.33	28.5	5.01	5.01	12/06/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/06/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/06/24	KCA	5
Trichloroethene	0.885	0.185	0.185	4.75	0.99	0.99	12/06/24	KCA	5
Trichlorofluoromethane	15.6	0.891	0.891	87.6	5.00	5.00	12/06/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/06/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/06/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	95	%	%	95	%	%	12/06/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	96	%	%	96	%	%	12/06/24	KCA	5
% IS-Bromochloromethane (5x)	95	%	%	95	%	%	12/06/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	101	%	%	101	%	%	12/06/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

January 20, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

January 20, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Location Code: LABELLA

SDG I.D.: GCS21162

Project ID: NEWTON

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
OA-1	CS21162	227	6.0L	5594	11/22/24	-30	-2	11	11.3	2.7	-30	-5	12/02/24 10:30	12/02/24 18:42
SS-9	CS21163	233	6.0L	10769	11/22/24	-30	-6	11.4	11.6	1.7	-27		12/02/24 09:58	12/02/24 00:00
IA-15	CS21164	28621	6.0L	10602	11/22/24	-30	-2	11.3	11.8	4.3	-29		12/02/24 09:40	12/02/24 00:00
SS-15	CS21165	466	6.0L	4992	11/22/24	-30	-2	11	11.3	2.7	-29		12/02/24 09:39	12/02/24 00:00
IA-3	CS21166	17161	6.0L	19838	11/22/24	-30	-3	10.6	10.7	0.9	-29		12/02/24 09:08	12/02/24 00:00
IA-7	CS21167	49256	6.0L	10566	11/22/24	-30	-2	11.2	11.4	1.8	-31		12/02/24 09:26	12/02/24 00:00
SS-3	CS21168	49237	6.0L	5398	11/22/24	-30	-4	11	11.2	1.8	-32		12/02/24 09:07	12/02/24 00:00
SS-7	CS21169	7647	6.0L	10591	11/22/24	-30	-5	11.2	11	1.8	-29		12/02/24 09:25	12/02/24 00:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



QA/QC Report

January 20, 2025

QA/QC Data

SDG I.D.: GCS21162

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 761314 (ppbv), QC Sample No: CS20740 (CS21162, CS21164, CS21166, CS21167)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	112	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	95	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	115	0.08	0.10	0.019	0.024	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	112	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	120	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	107	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	104	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	112	0.51	0.55	0.109	0.117	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	130	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	106	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	125	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	117	38.5	40.4	16.2	17.0	4.8	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	109	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	101	1.02	1.12	0.321	0.350	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	101	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	108	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	111	0.48	0.51	0.076	0.081	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	109	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	106	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	125	1.21	1.23	0.586	0.595	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	96	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	106	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	107	1.71	2.12	0.345	0.428	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS21162

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.375	ND	0.71	118	12.5	19.6	6.64	10.4	44.1	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	136	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	103	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	123	1.29	1.40	0.316	0.342	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	114	0.88	0.90	0.250	0.255	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	116	1.93	5.45	0.785	2.22	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	99	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	106	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	121	ND	0.67	ND	0.228	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	116	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	91	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	107	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	104	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	120	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	103	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	99	0.37	0.37	0.055	0.055	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	125	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	2.61	2.77	0.693	0.735	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	103	1.05	1.06	0.195	0.197	1.0	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	105	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	104	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	114	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	90	%	90	%	99	98	98	98	98	NC	70 - 130	25
% IS-1,4-Difluorobenzene	104	%	104	%	100	96	91	96	91	NC	60 - 140	25
% IS-Bromochloromethane	103	%	103	%	96	97	91	97	91	NC	60 - 140	25
% IS-Chlorobenzene-d5	104	%	104	%	109	97	95	97	95	NC	60 - 140	25

QA/QC Batch 761308 (ppbv), QC Sample No: CS20743 (CS21163 (5X) , CS21165 (5X) , CS21168 (5X) , CS21169 (5X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	109	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	105	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	114	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	115	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	0.37	0.38	0.091	0.093	2.2	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	106	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	111	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	107	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	110	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	108	0.63	0.63	0.135	0.135	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS21162

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
2-Hexanone(MBK)	ND	0.250	ND	1.02	122	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	113	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	104	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	115	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	104	26.4	27.5	11.1	11.6	4.4	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	106	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	104	0.92	0.95	0.289	0.296	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	109	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	101	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	109	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	91	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	102	0.43	0.44	0.068	0.070	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	108	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	106	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	112	1.10	1.12	0.531	0.544	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	108	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	94	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	103	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	105	1.91	1.97	0.386	0.399	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	139	11.4	16.3	6.03	8.68	36.0	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	130	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	116	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	113	1.02	1.04	0.250	0.253	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	115	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	110	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	103	2.08	3.34	0.846	1.36	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	118	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	111	1.46	1.46	0.496	0.497	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	105	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	129	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	117	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	105	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	108	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	118	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	100	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	112	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	110	2.41	2.46	0.641	0.654	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	106	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	103	0.88	0.79	0.163	0.147	10.3	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	100	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	95	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	107	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	93	%	93	%	93	92	92	92	92	NC	70 - 130	25
% IS-1,4-Difluorobenzene	97	%	97	%	108	100	96	100	96	NC	60 - 140	25
% IS-Bromochloromethane	99	%	99	%	103	99	93	99	93	NC	60 - 140	25
% IS-Chlorobenzene-d5	97	%	97	%	113	104	100	104	100	NC	60 - 140	25

QA/QC Data

SDG I.D.: GCS21162

Parameter	Blk		Blk		LCS	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
	Blk ppbv	RL ppbv	Blk ug/m3	RL ug/m3								

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution



Phyllis Shiller, Laboratory Director
January 20, 2025

Monday, January 20, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS21162 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS21162	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.074	0.032	0.032	0.032	ppbv
CS21163	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	27.5	0.184	14.8	14.8	ppbv
CS21164	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv
CS21166	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CS21167	\$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.079	0.032	0.032	0.032	ppbv
CS21168	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	2.77	0.185	1.12	1.12	ppbv
CS21168	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	31.1	0.184	14.8	14.8	ppbv
CS21169	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	60.8	0.184	14.8	14.8	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Phoenix Environmental Laboratories, Inc.
387 East Middle Turnpike P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

LABELLA

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

P.O. #

Page 1 of 2

Data Delivery:

Fax #:

Email:

Phone #:

Report to:	Todd Rolland	Project Name:	NEWTON	Data Format:	(Circle) ☒ Equis ☒ Excel Other:
Customer:	Labella Associates DPC	Invoice to:		Requested Deliverable:	RCP ASFCACB
Address:	5 McCreia Hill Rd.,	Sampled by:	GL, CB, JR	MCP	NJ Deliverables
16478	Ballston Spa, NY 12020	Quote Number:	LA050724RM		

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	ANALYSES
THIS SECTION FOR LAB USE ONLY																	
21162	OA-1	227	6.0L	-30	-2	5594	11	1030	1842	12.2.24	-30	-5.0	X		Y	X	
21163	SS-9	233	6.0L	-30	-6	10769	11.4	0958		NO SAMPLE	-27		X	X	X	X	
21164	IA-15	28621	6.0L	-30	-2	10602	11.3	0940			-29		X	X	X	X	
21165	SS-15	466	6.0L	-30	-2	4992	11	0939			-29		X	X	X	X	
		23872	6.0L	-30		10573	11.1			NO SAMPLE							
		11289	6.0L	-30		3964	11.4			NO SAMPLE							
21166	IA-3	17161	6.0L	-30	-2	19838	10.6	0908			-29		X	X	X	X	
21167	IA-7	49256	6.0L	-30	-3	10566	11.2	0926			-31		X	X	X	X	
		49245	6.0L	-30		10752	11.5			NO SAMPLE							

Relinquished by:	Accepted by:	Date:	Time:
Todd Rolland	Todd Rolland	12/2/24	19:28

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

Signature:	Date:
Todd Rolland	12/4/24
State Where Samples Collected:	NY
Requested Criteria:	MA:
Turnaround Time:	MA:
1 Day* ☐	Indoor Air: Residential
2 Day* ☐	Indoor Air: Residential
3 Day* ☐	Indoor Air: Residential
4 Day* ☐	Indoor Air: Residential
5 Day* ☐	Indoor Air: Residential
Standard ☒	Indoor Air: Residential
*SURCHARGES MAY APPLY	Indoor Air: Residential
SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:	Indoor Air: Residential
Reva can unseal	Indoor Air: Residential
(16) - 6.0L 8 hr	Indoor Air: Residential
12/2/24 17:26	Indoor Air: Residential

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com



PHOENIX

Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

LABELLA

[illegible]



Attachment 12

Soil Gas Laboratory Analytical Reports



Tuesday, January 14, 2025

Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON PLAZA
SDG ID: GCS20037
Sample ID#s: CS20037 - CS20047

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Labella Associates DPC
Project: NEWTON PLAZA
Laboratory Project: GCS20037



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 14, 2025

SDG I.D.: GCS20037

Labella Associates DPC NEWTON PLAZA

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



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NY Analytical Services Protocol Format

January 14, 2025

SDG I.D.: GCS20037

Labella Associates DPC NEWTON PLAZA

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS20037	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20038	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20039	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20040	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20041	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20042	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20043	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20044	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20045	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20046	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y
CS20047	Volatiles (TO15)	12/02/24	12/05/24	12/05/24	KCA	Y



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SDG Comments

January 14, 2025

SDG I.D.: GCS20037

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

January 14, 2025

SDG I.D.: GCS20037

Project ID: NEWTON PLAZA

Client Id	Lab Id	Matrix	Col Date
SV-3	CS20037	AIR	12/02/24 18:14
SV-7	CS20038	AIR	12/02/24 18:50
SV-8	CS20039	AIR	12/02/24 18:46
SV-10	CS20040	AIR	12/02/24 18:35
SV-2	CS20041	AIR	12/02/24 18:09
SV-4	CS20042	AIR	12/02/24 18:18
SV-6	CS20043	AIR	12/02/24 18:30
SV-1	CS20044	AIR	12/02/24 18:04
SV-9	CS20045	AIR	12/02/24 11:26
SV-5	CS20046	AIR	12/02/24 18:23
DUP	CS20047	AIR	12/02/24 0:00



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 13646

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 18:14
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-3

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20037

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	ND	2.11	2.11	ND	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	ND	2.66	2.66	ND	5.01	5.01	12/05/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	0.495	0.184	0.184	3.36	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	96	%	%	96	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	90	%	%	90	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	91	%	%	91	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	89	%	%	89	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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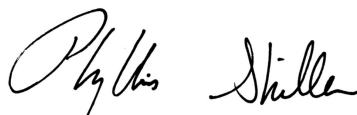
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 263

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24
12/04/24

Time

18:50
17:35

Project ID: NEWTON PLAZA
Client ID: SV-7

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20038

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	6.84	2.11	2.11	16.2	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Client ID: SV-7

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	2.75	2.66	2.66	5.18	5.01	5.01	12/05/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	ND	0.184	0.184	ND	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	94	%	%	94	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	88	%	%	88	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	91	%	%	91	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	90	%	%	90	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 49233

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 18:46
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-8

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20039

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	3.82	2.11	2.11	9.07	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	1.70	1.02	1.02	8.30	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	31.8	0.252	0.252	126	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	ND	2.66	2.66	ND	5.01	5.01	12/05/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	2.19	2.04	2.04	5.38	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	6970	13.8	13.8	47200	93.5	93.5	12/05/24	KCA	375
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	180	0.185	0.185	967	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	2.00	0.891	0.891	11.2	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	90	%	%	90	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	88	%	%	88	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	92	%	%	92	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	94	%	%	94	%	%	12/05/24	KCA	5
% Bromofluorobenzene (375x)	91	%	%	91	%	%	12/05/24	KCA	375
% IS-1,4-Difluorobenzene (375x)	86	%	%	86	%	%	12/05/24	KCA	375

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Bromochloromethane (375x)	88	%	%	88	%	%	12/05/24	KCA	375
% IS-Chlorobenzene-d5 (375x)	89	%	%	89	%	%	12/05/24	KCA	375

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19962

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 18:35
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-10

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20040

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	4.81	2.11	2.11	11.4	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Client ID: SV-10

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	ND	2.66	2.66	ND	5.01	5.01	12/05/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	2.23	2.04	2.04	5.48	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	ND	0.350	0.350	ND	2.37	2.37	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	94	%	%	94	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	87	%	%	87	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	89	%	%	89	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	89	%	%	89	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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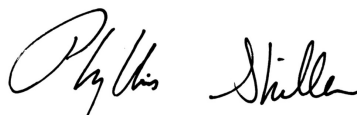
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 19969

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24
12/04/24

Time

18:09
17:35

Project ID: NEWTON PLAZA
Client ID: SV-2

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20041

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	4.19	2.11	2.11	9.9	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	21.7	1.02	1.02	106	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	5.32	2.66	2.66	10.0	5.01	5.01	12/05/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	2.21	2.04	2.04	5.43	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	6.04	0.184	0.184	40.9	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	2.18	0.891	0.891	12.2	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	93	%	%	93	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	84	%	%	84	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	87	%	%	87	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	87	%	%	87	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28560

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 18:18
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-4

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20042

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	5.53	2.11	2.11	13.1	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	15.1	1.01	1.01	74.6	4.99	4.99	12/05/24	KCA	5
Ethanol	ND	2.66	2.66	ND	5.01	5.01	12/05/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	0.770	0.184	0.184	5.22	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	1.15	0.891	0.891	6.46	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	96	%	%	96	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	85	%	%	85	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	88	%	%	88	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	86	%	%	86	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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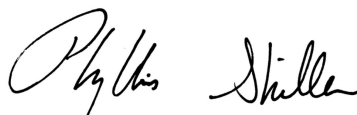
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 4615

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 18:30
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-6

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20043

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	4.63	2.11	2.11	11.0	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	1.27	1.02	1.02	6.20	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	ND	2.66	2.66	ND	5.01	5.01	12/05/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	0.440	0.184	0.184	2.98	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	91	%	%	91	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	86	%	%	86	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	90	%	%	90	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	90	%	%	90	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 369

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 18:04
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-1

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20044

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	ND	2.11	2.11	ND	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Client ID: SV-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	17.6	1.02	1.02	85.9	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	7.96	2.66	2.66	15.0	5.01	5.01	12/05/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	ND	0.184	0.184	ND	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	111	%	%	111	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	91	%	%	91	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	90	%	%	90	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	90	%	%	90	%	%	12/05/24	KCA	5

Client ID: SV-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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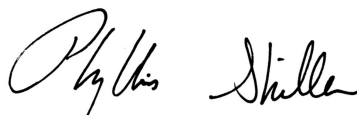
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 1007

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 11:26
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-9

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20045

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	2.95	2.11	2.11	7.00	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Client ID: SV-9

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	3.60	2.66	2.66	6.78	5.01	5.01	12/05/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	ND	0.184	0.184	ND	1.25	1.25	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	113	%	%	113	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	89	%	%	89	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	90	%	%	90	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	88	%	%	88	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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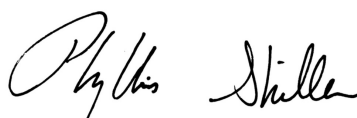
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28565

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24 18:23
12/04/24 17:35

Time

Project ID: NEWTON PLAZA
Client ID: SV-5

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20046

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	ND	2.11	2.11	ND	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Client ID: SV-5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	ND	2.66	2.66	ND	5.01	5.01	12/05/24	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	ND	0.300	0.300	ND	2.03	2.03	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	113	%	%	113	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	85	%	%	85	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	88	%	%	88	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	85	%	%	85	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102



Analysis Report

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: LABELLA
Rush Request: Standard
P.O.#:
Canister Id: 28549

Custody Information

Collected by: CEB
Received by: LB
Analyzed by: see "By" below

Date

12/02/24
12/04/24

Time

17:35

Project ID: NEWTON PLAZA
Client ID: DUP

Laboratory Data

SDG ID: GCS20037
Phoenix ID: CS20047

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	12/05/24	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	12/05/24	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	12/05/24	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	12/05/24	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	12/05/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	12/05/24	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	12/05/24	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	12/05/24	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	12/05/24	KCA	5
Acetone	ND	2.11	2.11	ND	5.01	5.01	12/05/24	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	12/05/24	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	12/05/24	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	12/05/24	KCA	5

Client ID: DUP

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	12/05/24	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	12/05/24	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	12/05/24	KCA	5
Carbon Disulfide	ND	1.61	1.61	ND	5.01	5.01	12/05/24	KCA	5
Carbon Tetrachloride	ND	0.159	0.159	ND	1.00	1.00	12/05/24	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	12/05/24	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	12/05/24	KCA	5
Chloroform	ND	1.02	1.02	ND	4.98	4.98	12/05/24	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	12/05/24	KCA	5
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/24	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	12/05/24	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	12/05/24	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	12/05/24	KCA	5
Ethanol	4.58	2.66	2.66	8.62	5.01	5.01	12/05/24	KCA	5 1
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5 1
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	12/05/24	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	12/05/24	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	12/05/24	KCA	5
Isooctane	ND	1.07	1.07	ND	4.99	4.99	12/05/24	KCA	5
Isopropylalcohol	ND	2.04	2.04	ND	5.01	5.01	12/05/24	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	12/05/24	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Methyl Ethyl Ketone	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	12/05/24	KCA	5
Methylene Chloride	ND	4.32	4.32	ND	15.0	15.0	12/05/24	KCA	5
Naphthalene	ND	1.00	1.00	ND	5.23	5.23	12/05/24	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	12/05/24	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	12/05/24	KCA	5 1
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	12/05/24	KCA	5 1
Styrene	ND	1.17	1.17	ND	4.98	4.98	12/05/24	KCA	5
Tetrachloroethene	ND	0.250	0.250	ND	1.69	1.69	12/05/24	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	12/05/24	KCA	5 1
Toluene	ND	1.33	1.33	ND	5.01	5.01	12/05/24	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	12/05/24	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	12/05/24	KCA	5
Trichloroethene	ND	0.185	0.185	ND	0.99	0.99	12/05/24	KCA	5
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	12/05/24	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	12/05/24	KCA	5
Vinyl Chloride	ND	0.390	0.390	ND	1.00	1.00	12/05/24	KCA	5
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene (5x)	111	%	%	111	%	%	12/05/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	85	%	%	85	%	%	12/05/24	KCA	5
% IS-Bromochloromethane (5x)	85	%	%	85	%	%	12/05/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	87	%	%	87	%	%	12/05/24	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 14, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Canister Sampling Information

January 14, 2025

FOR: Attn: Todd Rollend
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Location Code: LABELLA

SDG I.D.: GCS20037

Project ID: NEWTON PLAZA

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV-3	CS20037	13646	6.0L	5040	11/12/24	-30	-4.5	11.4	11.5	0.9	-29	-4.8	12/02/24 10:35	12/02/23 18:14
SV-7	CS20038	263	6.0L	5038	11/12/24	-30	-3.5	11.1	11.6	4.4	-30	-3.9	12/02/24 10:43	12/02/23 18:50
SV-8	CS20039	49233	6.0L	10705	11/12/24	-30	-3	11	11.2	1.8	-30	-4.9	12/02/24 10:44	12/02/23 18:46
SV-10	CS20040	19962	6.0L	10652	11/12/24	-30	-3	11.5	11.8	2.6	-29.5	-4.2	12/02/24 10:29	12/02/23 18:35
SV-2	CS20041	19969	6.0L	10688	11/12/24	-30	-4	11.1	11.4	2.7	-29	-4.9	12/02/24 10:34	12/02/23 18:09
SV-4	CS20042	28560	6.0L	10618	11/12/24	-30	-3.5	11	11	0.0	-29.5	-4.9	12/02/24 10:37	12/02/23 18:18
SV-6	CS20043	4615	6.0L	7004	11/12/24	-30	-2	11	11.1	0.9	-30.5	-4.0	12/02/24 10:42	12/02/23 18:30
SV-1	CS20044	369	6.0L	4481	11/12/24	-30	-3	11	11.1	0.9	-30	-4.9	12/02/24 10:32	12/02/23 18:04
SV-9	CS20045	1007	6.0L	5043	11/12/24	-30	-1	11.2	11.3	0.9	-27	-2.8	12/02/24 10:45	12/02/23 11:26
SV-5	CS20046	28565	6.0L	10572	11/12/24	-30	-3.5	22.1	23.3	5.3	-29	-4.3	12/02/24 10:40	12/02/23 18:23
DUP	CS20047	28549	6.0L	10572	11/12/24	-30	-3	22.1			-30		12/02/24 00:00	12/02/23 00:00



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QA/QC Report

January 14, 2025

QA/QC Data

SDG I.D.: GCS20037

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 761016 (ppbv), QC Sample No: CS19437 (CS20037 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	111	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	93	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	104	3.21	3.28	0.654	0.667	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	115	0.08	0.10	0.021	0.025	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	110	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	101	1.48	1.55	0.301	0.315	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	118	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	106	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	107	0.68	0.72	0.114	0.119	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	111	0.51	0.53	0.109	0.114	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	127	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	102	2.56	2.68	0.521	0.545	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	124	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	116	81.7 E	82.9	34.4 E	34.9	1.4	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	108	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	101	0.67	0.68	0.211	0.212	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	98	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	108	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	104	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	109	0.48	0.49	0.076	0.078	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	98	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	108	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	106	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	124	1.19	1.24	0.578	0.603	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	96	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	105	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	105	2.01	2.01	0.407	0.406	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS20037

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.375	ND	0.71	122	27.7	27.5	14.7	14.6	0.7	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	136	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	100	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	123	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	99	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	112	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	114	7.20	7.42	2.93	3.02	3.0	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	95	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	103	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	120	6.40	6.51	2.17	2.21	1.8	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	103	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	113	20.7	21.1	5.97	6.08	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	90	0.50	0.52	0.095	0.100	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	105	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	101	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	119	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	101	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	98	0.48	0.48	0.071	0.071	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	123	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	1.73	1.79	0.460	0.475	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	102	0.67	0.68	0.124	0.127	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	102	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	112	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	89	%	89	%	98	101	101	101	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	103	%	103	%	100	97	97	97	97	NC	60 - 140	25
% IS-Bromochloromethane	103	%	103	%	96	95	96	95	96	NC	60 - 140	25
% IS-Chlorobenzene-d5	101	%	101	%	108	97	97	97	97	NC	60 - 140	25

QA/QC Batch 761386 (ppbv), QC Sample No: CS19445 (CS20044 (5X) , CS20045 (5X) , CS20046 (5X) , CS20047 (5X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	111	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	109	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	125	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	111	2.96	2.82	0.602	0.574	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	109	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	105	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	106	1.25	1.26	0.255	0.256	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	115	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	97	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	72	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS20037

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
2-Hexanone(MBK)	ND	0.250	ND	1.02	87	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	105	2.72	2.83	0.553	0.577	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	99	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	91	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	101	13.6	13.6	5.73	5.73	0.0	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	109	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	104	0.50	0.50	0.158	0.156	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	117	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	109	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	118	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	107	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	110	0.47	0.46	0.075	0.073	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	104	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	107	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	104	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	107	1.06	1.08	0.513	0.524	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	102	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	111	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	98	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	115	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	104	2.02	1.99	0.408	0.403	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	97	31.8	32.0	16.9	17.0	0.6	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	146	0.90	1.10	0.251	0.305	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	100	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	131	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	107	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	97	5.28	5.31	2.15	2.16	0.5	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	102	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	109	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	104	0.71	0.75	0.241	0.255	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	102	26.1	26.4	7.53	7.60	0.9	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	122	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	107	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	95	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	102	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	108	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	106	0.35	0.35	0.052	0.052	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	105	0.78	0.82	0.263	0.277	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	107	1.51	1.57	0.400	0.416	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	102	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	111	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	106	0.77	0.85	0.144	0.158	9.3	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	105	1.44	ND	0.257	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	105	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	111	%	111	%	98	113	112	113	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	103	%	103	%	99	97	94	97	94	NC	60 - 140	25
% IS-Bromochloromethane	108	%	108	%	106	96	95	96	95	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	115	98	98	98	98	NC	60 - 140	25

QA/QC Data

SDG I.D.: GCS20037

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 761022 (ppbv), QC Sample No: CS19456 (CS20038 (5X) , CS20039 (5X, 375X) , CS20040 (5X) , CS20041 (5X) , CS20042 (5X) , CS20043 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	109	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	115	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	115	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	102	0.06	ND	0.014	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	106	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	109	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	102	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	113	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	109	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	121	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	115	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	105	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	115	ND	ND	ND	ND	NC	70 - 130	25
Acetone	NR	0.42	NR	1.00	103	5.32	4.87	2.24	2.05	8.9	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	101	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	104	0.43	0.46	0.135	0.144	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	109	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	100	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	112	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	93	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	102	0.44	0.43	0.070	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	108	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	104	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	101	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	108	1.10	1.13	0.534	0.547	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	109	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	97	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	105	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	104	2.02	2.04	0.409	0.413	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	131	10.0	10.1	5.30	5.37	1.3	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	127	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	118	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	114	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	114	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	109	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	101	ND	ND	ND	ND	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	105	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

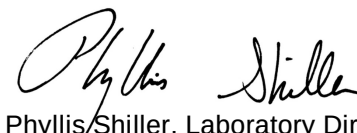
SDG I.D.: GCS20037

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
m,p-Xylene	ND	0.500	ND	2.17	119	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	111	1.02	0.97	0.347	0.329	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	109	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	102	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	129	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	116	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	105	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	106	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	118	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	100	0.43	0.41	0.063	0.061	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	115	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	110	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	107	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	99	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	94	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	107	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	94	%	94	%	93	93	92	93	92	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	105	94	94	94	94	NC	60 - 140	25
% IS-Bromochloromethane	101	%	101	%	101	97	94	97	94	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	110	96	96	96	96	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference
- (ISO) - Isotope Dilution


Phyllis Shiller, Laboratory Director
January 14, 2025

Tuesday, January 14, 2025

Criteria: NY: AIRSV

State: NY

Sample Criteria Exceedances Report

GCS20037 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS20039	\$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	180	0.185	1.12	1.12	ppbv
CS20039	\$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	6970	13.8	14.8	14.8	ppbv
CS20039	\$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	31.8	0.252	1.51	1.51	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

LABELLA

Report to:	Todd Rollend	Project Name:	Newton Plaza	Data Format:	(Circle) Equis Excel	Other:	
Customer:	Labella Associates DPC	Invoice to:		Requested Deliverable:	RCP ASACAT B		
Address:	5 McCreia Hill Rd., Ballston Spa, NY 12020	Sampled by:	Casey E. Belden		MCP NJ Deliverables		
Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)
20037	SV-3	13646	6.0L	-30	-4.5	5040	11.4
20038	SV-7	263	6.0L	-30	-3.5	5038	11.1
20039	SV-8	49233	6.0L	-30	-3	10705	11
20040	SV-10	19962	6.0L	-30	-3	10652	11.5
20041	SV-2	19969	6.0L	-30	-4	10688	11.1
20042	SV-4	28560	6.0L	-30	-3.5	10618	11
20043	SV-6	4615	6.0L	-30	-2	7004	11
20044	SV-1	369	6.0L	-30	-3	4481	11
20045	SV-9	1007	6.0L	-30	-1	5043	11.2
20046	SV-5	28565	6.0L	-30	-3.5	10572	22.1
Relinquished by:		Accepted by:		Date:	12/6/24	Time:	12:28
State Where Samples Collected:	NY	Requested Criteria:	MA:	Indoor Air:	Residential	Indoor Air:	Residential
SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:		TAC I/C		Indoor Air:	Residential	Indoor Air:	Residential
		TAC RES		Indoor Air:	Residential	Indoor Air:	Residential
		SVVC I/C		Indoor Air:	Residential	Indoor Air:	Residential
		SVVC RES		Indoor Air:	Residential	Indoor Air:	Residential
		GWV I/C		Indoor Air:	Residential	Indoor Air:	Residential
		GWV RES		Indoor Air:	Residential	Indoor Air:	Residential
		Standard		Indoor Air:	Residential	Indoor Air:	Residential
		*SURCHARGES MAY APPLY		Indoor Air:	Residential	Indoor Air:	Residential



Attachment 13

DUSR



ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 05/09/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR45184_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR45184_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



Newton Plaza Associates, LLC - Data Usability Summary Report for August 20, 2024, Soil and Water Samples

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Lab Job: GCR45184

Method Evaluated

Lab ID	Field ID	Collection Date	Matrix	8260D	8270E	8082A	8081B	6010D & 7470A	8270E 1,4-Dioxane	EPA 1633
CR45184	EQUIPMENT BLANK	8/20/2024	Water	x	x	x	x	x		
CR45185	SB-1/MW-1 6-7'	8/20/2024	Soil	x	x	x	x	x	x	x
CR45186	SB-2/MW-2 6.5-8'	8/20/2024	Soil	x	x	x	x	x		
CR45187	DUPE	8/20/2024	Soil	x						
CR45188	TRIP BLANK LL	8/20/2024	Soil	x						
CR45207	TRIP BLANK HL 50X	8/20/2024	Soil	x						

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Sampling, Analysis, And Assessment of Per- and Polyfluoroalkyl Substances (PFAS) (Under NYSDEC's Part 375 Remedial Program) (April 2023)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)
- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)
- Method 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides by Gas Chromatography (February 2007)



- Method 6010D Inductively Coupled Plasma—Optical Emission Spectrometry, revision 5 (June 2018)
- Method 7471B Mercury in Solid or Semisolid Wastes (Manual Cold-Vapor Technique) (February 2007)
- Method 1633, Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS, EPA 821-R-24-001 (January 2024)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Standard Methods for the Examination of Water and Wastewater, 24th edition, SM 2540 Solids (2017)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets criteria for compliance with methods 8260D, 8270E, 8081.B, 8082A, 6010D, 7471B and 2540G except for rejected data due to instrument issues as noted in section 8270E. Percent solid method E160.3 was run and all samples are over 30% solid.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR45184**

Lab ID	Field ID	Collection Date	Matrix
CR45185	SB-1/MW-1 6-7'	8/20/2024	Soil
CR45186	SB-2/MW-2 6.5-8'	8/20/2024	Soil
CR45187	DUPE	8/20/2024	Soil
CR45188	TRIP BLANK LL	8/20/2024	Soil
CR45207	TRIP BLANK HL 50X	8/20/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration of instrument CHEM 26, Acetone was above laboratory criteria for %RSD but was not detected within associated samples, thus no qualification is needed.
- Within continuous calibration of instrument CHEM 14 analytes Chloroethane, Trichlorofluoromethane and Methyl t-Butyl Ether %deviations (%D) were above laboratory criteria leading to qualification of non-detect estimates "UJ" within associated samples.
- Within matrix samples several analytes recoveries were above laboratory criteria, but no analytes were detected within associated sample SB-1/MW-1 6-7' . No further qualification is needed.
- Acetone was detected in blind duplicate sample set SB-2/MW-2 6.5-8' and DUPE with %RPD less than 50%.
- Tentative identified compound was detected but raw data was not presented thus evaluation of procedure cannot be made. Analyte detected in sample (CR45186) is an estimate value, no further qualification is needed.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration of instrument CHEM 26, Acetone was above laboratory criteria for %RSD but was not detected within associated samples, thus no qualification is needed.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Within continuous calibration of instrument CHEM 14 analytes Chloroethane, Trichlorofluoromethane and Methyl t-Butyl Ether %deviations (%D) were above laboratory criteria leading to qualification of non-detect estimates "UJ" values within associated samples. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				TRIP BLANK LL and TRIP BLAN HL 50X
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				SB-1 / MW-1 6-7' MS/MSD
Were MS and MSD analyzed for SDG?	x			Several analytes recoveries were above laboratory criteria, but no analytes were detected within associated sample SB-1/MW-1 6-7' . No further qualification is needed.
Was MS/MSD done every 20 samples?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
H. Field Duplicate				SB-2/MW-2 6.5-8' and DUPE
Were field duplicates identified in this SGD?	x			Acetone was detected in both field duplicate samples, SB-2/MW-2 6.5-8' and DUPE with %RPD less than 50%. See attachment.
Were target compounds detected in it? Were RPDs less than 50%?	x			
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?	x			Raw data was not presented thus evaluation of procedure cannot be made. Analyte detected in sample (CR45186) is an estimate "J" value, no further qualification is needed.
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in laboratory criteria within continuous calibration. All data is usable.

Calculation Spot Check

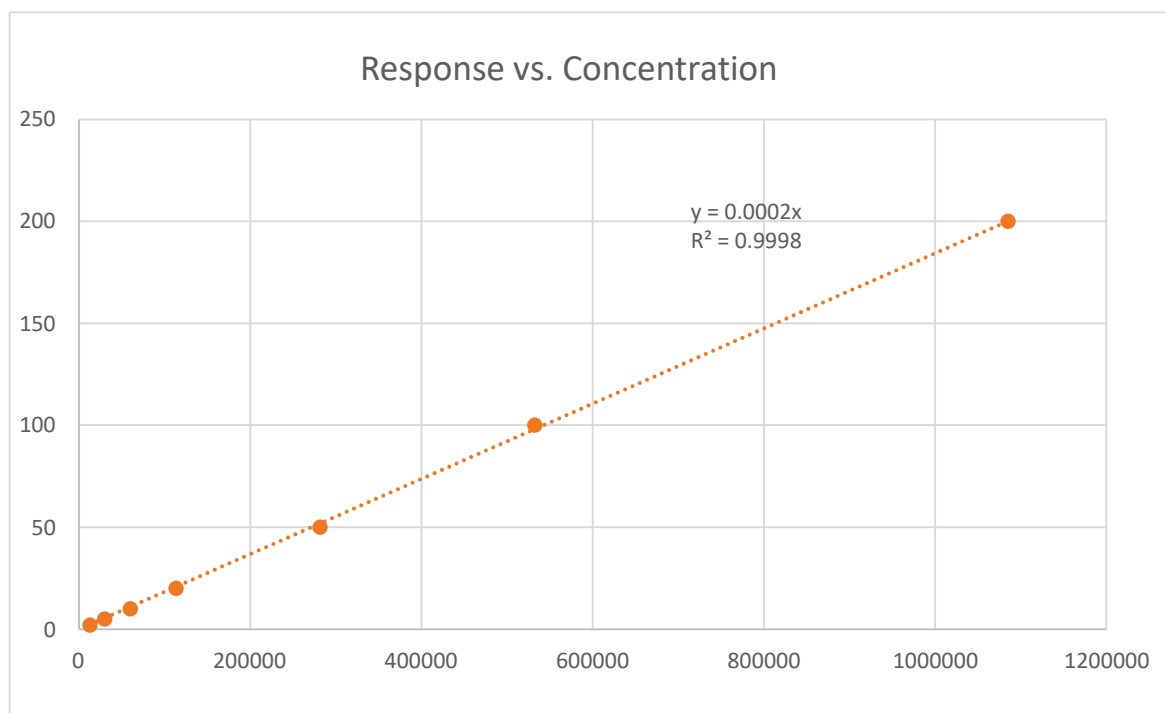
Instrument: CHEM14

ICV Date and time :08/12/24 20:19

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.908	12849	2
L2	0.904	30121	5
L3	0.926	59731	10
L4	0.943	113247	20
L5	0.964	281719	50
L6	0.978	532562	100
L7	0.988	1085322	200
average	0.944		
RSD	3.5		



Calculation Spot Check

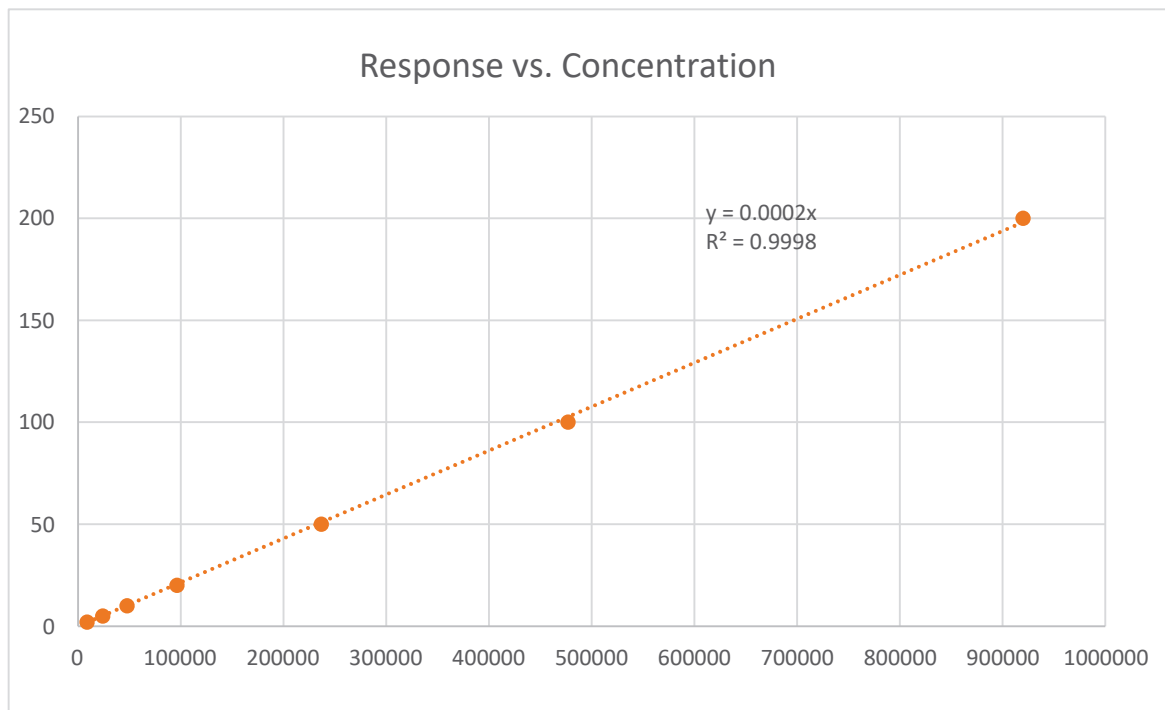
Instrument: CHEM26

ICV Date and time : 08/09/24 11:18

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.476	8790	2
L2	0.514	23941	5
L3	0.508	47743	10
L4	0.515	96382	20
L5	0.519	236758	50
L6	0.512	477113	100
L7	0.484	919968	200
average	0.504		
RSD	3.3		



Blind Duplicate Comparison



8260D

Well	Original Sample SB-2/MW-2 6.5-8'	Blind Duplicate DUPE	Relative Percent Difference
Acetone	120	81	48.15

Reviewer comment: Duplicate pair SB-2/MW-2 6.5-8' and DUPE samples results are within acceptable limits of comparison.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

Instrument: CHEM14 Calibration Date: 08/21/24 Time: 20:01

Lab File Id: 0821_12.D Init. Calib. Date(s): 08/12/24 08/12/24

Heated Purge (Y/N): Y Init. Calib. Times: 20:19 22:08

GC Column: RTX-VMS Method File: VT081224.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	292367	242688	n.a.	83.0	50-200
1,4-Difluorobenzene (IS Area/Area%)	486807	421423	n.a.	86.6	50-200
Chlorobenzene-d5 (IS Area/Area%)	473779	406749	n.a.	85.9	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	235697	197578	n.a.	83.8	50-200
1,4-Dioxane d8 (IS Area/Area%)	14822	11747	n.a.	79.3	n.a.
Dichlorodifluoromethane	0.796	0.750	0.010	5.8	20 (60)
Chloromethane	0.944	0.978	0.010	-3.6	20 (60)
Vinyl Chloride	1.138	1.224	0.010	-7.6	20 (40)
Bromomethane	0.551	0.599	0.010	-8.7	20 (60)
Chloroethane	0.555	0.670	0.010	-20.7 +	20 (40)
Trichlorofluoromethane	1.200	1.463	0.010	-21.9 +	20 (40)
1,1-Dichloroethene	0.716	0.820	0.060	-14.5	20 (40)
Trichlorotrifluoroethane	0.552	0.617	0.050	-11.8	20 (40)
Carbon Disulfide	2.390	2.682	0.100	-12.2	20 (40)
Methylene Chloride	0.795	0.889	0.010	-11.8	20 (40)
Acetone	0.214	0.231	0.010	-7.9	20 (60)
Trans-1,2-Dichloroethene	0.751	0.879	0.100	-17.0	20 (40)
Methyl t-Butyl Ether (MTBE)	1.644	2.047	0.100	-24.5 +	20 (40)
1,1-Dichloroethane	1.281	1.410	0.300	-10.1	20 (40)
Acrylonitrile	0.192	0.199	0.050	-3.6	20 (40)
Cis-1,2-Dichloroethene	0.635	0.686	0.200	-8.0	20 (40)
2,2-Dichloropropane	0.993	1.037	0.050	-4.4	20 (40)
Bromochloromethane	0.258	0.264	0.100	-2.3	20 (40)
Chloroform	1.050	1.135	0.300	-8.1	20 (40)
Carbon Tetrachloride	0.830	0.871	0.100	-4.9	20 (40)
Tetrahydrofuran (THF)	0.167	0.177	0.050	-6.0	20 (40)
1,1,1-Trichloroethane	0.913	0.985	0.050	-7.9	20 (40)
Methyl Ethyl Ketone	0.270	0.278	0.010	-3.0	20 (60)
1,1-Dichloropropene	0.540	0.582	0.050	-7.8	20 (40)
Benzene	1.492	1.552	0.200	-4.0	20 (40)
1,2-Dichloroethane	0.485	0.534	0.070	-10.1	20 (40)
Trichloroethene	0.387	0.385	0.200	0.5	20 (40)
Dibromomethane	0.205	0.217	0.050	-5.9	20 (40)
1,2-dichloropropane	0.425	0.450	0.200	-5.9	20 (40)
Bromodichloromethane	0.448	0.473	0.300	-5.6	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-2/MW-2 6.5-8'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR45184 Lab Sample ID: CR45186

Sample wt/vol: 5.22 (g/mL) g Lab File ID: 0821_34.D

Level: (low/med/meth): Low Date Received: 08/20/24

% Moisture: 13 Date Analyzed: 08/22/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.5	U	0.55	5.5	r
74-87-3	Chloromethane	5.5	U	1.1	5.5	r
75-01-4	Vinyl Chloride	5.5	U	0.55	5.5	r
74-83-9	Bromomethane	5.5	U	2.2	5.5	r
75-00-3	Chloroethane	5.5	UJ	0.55	5.5	r
75-69-4	Trichlorofluoromethane	5.5	UJ	1.1	5.5	r
75-35-4	1,1-Dichloroethene	5.5	U	0.55	5.5	r
76-13-1	Trichlorotrifluoroethane	5.5	U	0.55	5.5	r
75-15-0	Carbon Disulfide	5.5	U	1.1	5.5	r
75-09-2	Methylene Chloride	11	U	5.5	11	r
67-64-1	Acetone	120	S	5.5	28	r
156-60-5	Trans-1,2-Dichloroethene	5.5	U	0.55	5.5	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.5	U	1.1	5.5	r
107-13-1	Acrylonitrile	11	U	0.55	11	r
156-59-2	Cis-1,2-Dichloroethene	5.5	U	0.55	5.5	r
594-20-7	2,2-Dichloropropane	5.5	U	0.55	5.5	r
74-97-5	Bromochloromethane	5.5	U	0.55	5.5	r
67-66-3	Chloroform	5.5	U	0.55	5.5	r
56-23-5	Carbon Tetrachloride	5.5	U	1.1	5.5	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.8	11	r
71-55-6	1,1,1-Trichloroethane	5.5	U	0.55	5.5	r
78-93-3	Methyl Ethyl Ketone	28	UJ	5.5	28	r
563-58-6	1,1-Dichloropropene	5.5	U	0.55	5.5	r
71-43-2	Benzene	5.5	U	0.55	5.5	r
107-06-2	1,2-Dichloroethane	5.5	U	0.55	5.5	r
79-01-6	Trichloroethene	5.5	U	0.55	5.5	r
74-95-3	Dibromomethane	5.5	U	1.1	5.5	r
78-87-5	1,2-dichloropropane	5.5	U	1.1	5.5	r
75-27-4	Bromodichloromethane	5.5	U	1.1	5.5	r
10061-01-5	cis-1,3-Dichloropropene	5.5	U	0.55	5.5	r
108-88-3	Toluene	5.5	U	0.55	5.5	r
108-10-1	4-Methyl-2-Pentanone	28	U	5.5	28	r
127-18-4	Tetrachloroethene	5.5	U	1.1	5.5	r
10061-02-6	trans-1,3-Dichloropropene	5.5	U	0.55	5.5	r
79-00-5	1,1,2-Trichloroethane	5.5	U	1.1	5.5	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA		Lab:	Phoenix Env. Labs		DUPE
SDG No.:	GCR45184		Lab Sample ID:	CR45187		
Sample wt/vol:	4.89	(g/mL)	g	Lab File ID:	0821_35.D	
Level: (low/med/meth):	Low		Date Received:	08/20/24		
% Moisture:	13		Date Analyzed:	08/22/24		
Instrument:	CHEM14	Column:	RTX-VMS		Dilution Factor:	1
Purge Volume	5000	(uL)	pH:	n.a.		Soil Aliquot Vol: 5000 (uL)
Matrix: (soil/water)	Soil		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.9	U	0.59	5.9	r
74-87-3	Chloromethane	5.9	U	1.2	5.9	r
75-01-4	Vinyl Chloride	5.9	U	0.59	5.9	r
74-83-9	Bromomethane	5.9	U	2.3	5.9	r
75-00-3	Chloroethane	5.9	UJ	0.59	5.9	r
75-69-4	Trichlorofluoromethane	5.9	UJ	1.2	5.9	r
75-35-4	1,1-Dichloroethene	5.9	U	0.59	5.9	r
76-13-1	Trichlorotrifluoroethane	5.9	U	0.59	5.9	r
75-15-0	Carbon Disulfide	5.9	U	1.2	5.9	r
75-09-2	Methylene Chloride	12	U	5.9	12	r
67-64-1	Acetone	81	S	5.9	29	r
156-60-5	Trans-1,2-Dichloroethene	5.9	U	0.59	5.9	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	12	U	1.2	12	r
75-34-3	1,1-Dichloroethane	5.9	U	1.2	5.9	r
107-13-1	Acrylonitrile	12	U	0.59	12	r
156-59-2	Cis-1,2-Dichloroethene	5.9	U	0.59	5.9	r
594-20-7	2,2-Dichloropropane	5.9	U	0.59	5.9	r
74-97-5	Bromochloromethane	5.9	U	0.59	5.9	r
67-66-3	Chloroform	5.9	U	0.59	5.9	r
56-23-5	Carbon Tetrachloride	5.9	U	1.2	5.9	r
109-99-9	Tetrahydrofuran (THF)	12	U	2.9	12	r
71-55-6	1,1,1-Trichloroethane	5.9	U	0.59	5.9	r
78-93-3	Methyl Ethyl Ketone	29	UJ	5.9	29	r
563-58-6	1,1-Dichloropropene	5.9	U	0.59	5.9	r
71-43-2	Benzene	5.9	U	0.59	5.9	r
107-06-2	1,2-Dichloroethane	5.9	U	0.59	5.9	r
79-01-6	Trichloroethene	5.9	U	0.59	5.9	r
74-95-3	Dibromomethane	5.9	U	1.2	5.9	r
78-87-5	1,2-dichloropropane	5.9	U	1.2	5.9	r
75-27-4	Bromodichloromethane	5.9	U	1.2	5.9	r
10061-01-5	cis-1,3-Dichloropropene	5.9	U	0.59	5.9	r
108-88-3	Toluene	5.9	U	0.59	5.9	r
108-10-1	4-Methyl-2-Pentanone	29	U	5.9	29	r
127-18-4	Tetrachloroethene	5.9	U	1.2	5.9	r
10061-02-6	trans-1,3-Dichloropropene	5.9	U	0.59	5.9	r
79-00-5	1,1,2-Trichloroethane	5.9	U	1.2	5.9	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR45184**

Lab ID	Field ID	Collection Date	Matrix
CR45184	EQUIPMENT BLANK	8/20/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration , %RSD did not meet criteria for analyte 1,2-Dibromo-3-Chloropropane, but was not detected within sample. No further qualification is need.
- Carbon Disulfide was detected within EQUIPMENT BLANK but not within any other samples collected on that day. No further qualification needed.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration , %RSD did not meet criteria for analyte 1,2-Dibromo-3-Chloropropane, but was not detected within sample. No further qualification is need.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?	x			
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				EQUIPMENT BLANK
Was a field blank associated with each sample of SDG?	x			Carbon Disulfide was detected within blank but not within any other samples collected on that day. No further qualification needed.
Were target compounds detected in it?	x			
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	

Criteria	Y	N	NA	Comment
H. Field Duplicate				
Were field duplicates identified in this SGD?		X		
Were target compounds detected in it? Were RSPs less than 50%?			X	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	X			
Were retention times within ± 10 sec of cal. standard?	X			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	X			
Target analyte RRT outside specified RRT window?	X			
If sample is considered "Solid", is it greater than 30%?			X	
Did the spectrum meet EPA "Functional Guidelines"?	X			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			X	
Were National Functional Guidelines followed for TIC processing?			X	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	X			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	X			

Comments: All data is usable.

Calculation Spot Check

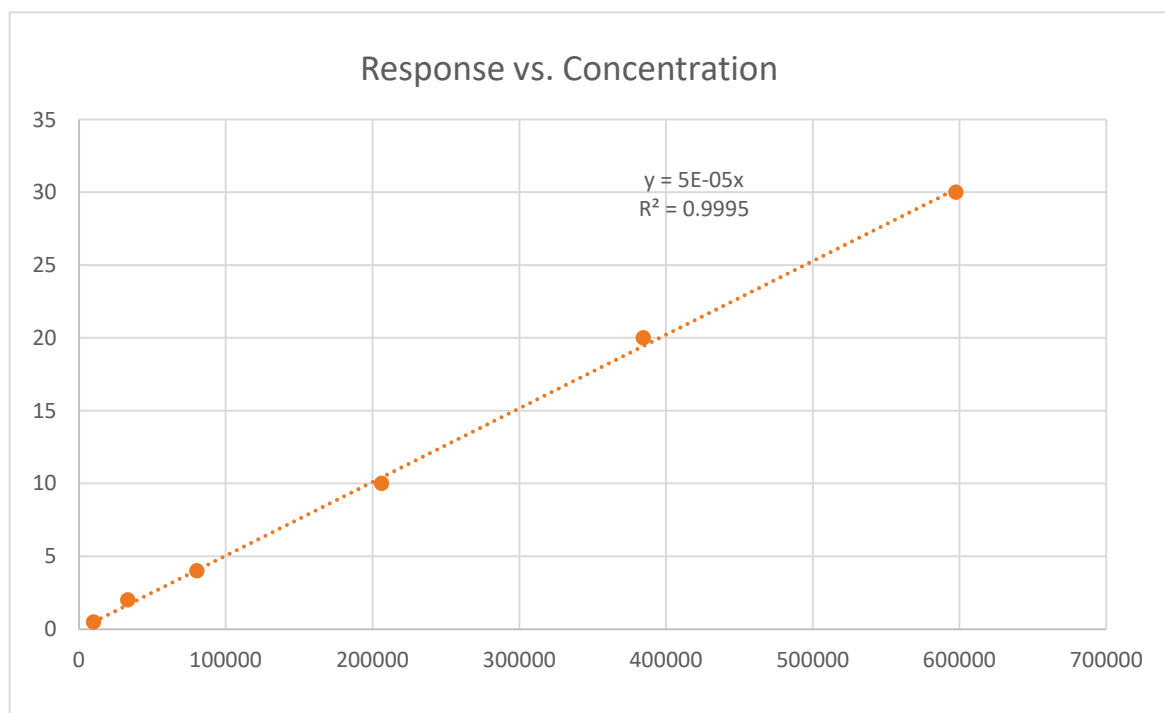
Instrument: CHEM2

ICV Date and time : 08/22/24 10:01

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.461	9927	0.5
L2	0.397	33202	2
L3	0.486	80196	4
L4	0.511	206147	10
L5	0.504	384438	20
L6	0.548	597500	30
average	0.485		
RSD	10.7		



Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E

Lab Job ID: GCR45184

Lab ID	Field ID	Collection Date	Matrix
CR45185	SB-1/MW-1 6-7'	8/20/2024	Soil
CR45186	SB-2/MW-2 6.5-8'	8/20/2024	Soil
CR45187	DUPE	8/20/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Within ICV of instrument CHEM19 compound Hexachlorocyclopentadiene was not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
- Several analytes did not meet %D criteria within associated CCVs led to qualification of non-detect estimate "UJ" values within all samples.
- Hexachlorocyclopentadiene was not within acceptable recovery within matrix spike but was qualified as reject by laboratory control sample, no further qualification needed.
- Hexachlorocyclopentadiene is qualified as rejected "R" values within samples due to recovery below laboratory limits within laboratory control sample duplicate CR45185 LCSD.

Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



8270E

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM19 compound Hexachlorobenzene was not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			
Were (%D) and relative response factors (RRF) within acceptable criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Several analytes did not meet %D criteria within associated with CCVs led to qualification of non-detect estimate "UJ" values within all samples. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?				
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				SB-1/MW-1 6-7` MS/MSD
Were MS and MSD analyzed for SDG?	x			Hexachlorocyclopentadiene was not within acceptable recovery within matrix spike but was qualified as reject by laboratory control sample, no further qualification needed.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Hexachlorocyclopentadiene is qualified as rejected "R" values within samples due to recovery below laboratory limits within laboratory control sample duplicate CR45185 LCSD. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				SB-2/MW-2 6.5-8' and DUPE
Were field duplicates identified in this SDG?	x			
Were target compounds detected in it?		x		
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure within continuous calibrations and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

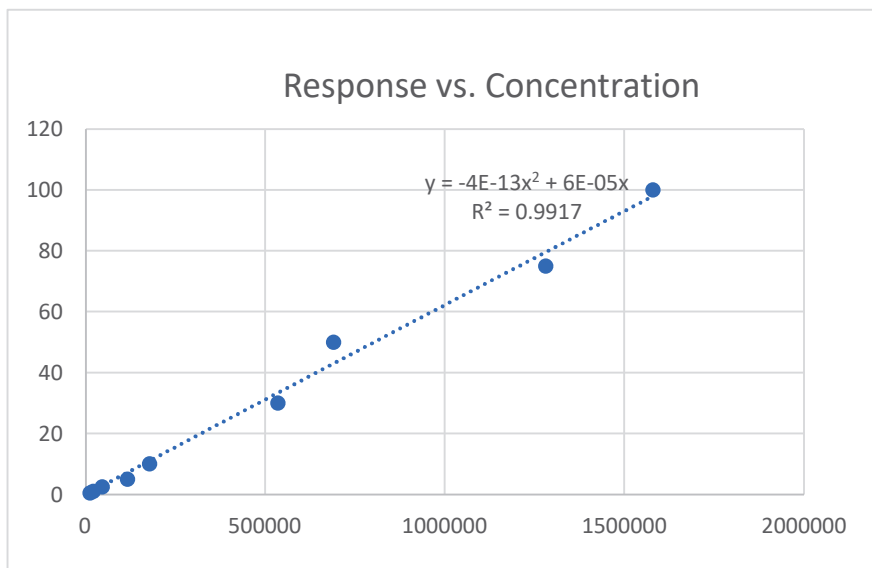
Instrument CHEM19

ICV Date and Time: 07/30/24 22:11

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	2.225	11529	0.5
L2	1.900	20083	1
L3	1.815	45343	2.5
L4	1.823	116113	5
L5	1.836	176844	10
L6	1.808	534317	30
L7	1.795	690038	50
L8	1.788	1280324	75
L9	1.736	1579334	100
average	1.858		
RSD	7.8		



7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

Instrument: CHEM19 Calibration Date: 08/21/24 Time: 22:54

Lab File Id: 0821_21.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND		RRF	RRF30	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4	(IS Areas & Pct)	394041	498547	n.a.	126.5	50-200
Naphthalene-d8	(IS Areas & Pct)	1656446	2053103	n.a.	123.9	50-200
Acenaphthene-d10	(IS Areas & Pct)	829627	1007959	n.a.	121.5	50-200
Phenanthrene-d10	(IS Areas & Pct)	1497999	1790934	n.a.	119.6	50-200
Chrysene-d12	(IS Areas & Pct)	1283246	1525848	n.a.	118.9	50-200
Perylene-d12	(IS Areas & Pct)	1327282	1546110	n.a.	116.5	50-200
N-Nitrosodimethylamine		1.035	0.851	0.010	17.8	20 (40)
Pyridine		1.816	1.471	0.010	19.0	20 (40)
Phenol		1.858	1.835	0.800	1.2	20 (40)
Bis(2-chloroethyl)ether		1.230	0.965	0.700	21.5 +	20 (40)
Aniline		2.271	2.120	0.010	6.6	20 (40)
2-Chlorophenol		1.464	1.401	0.800	4.3	20 (40)
1,3-Dichlorobenzene		1.627	1.527	0.010	6.1	20 (40)
1,4-Dichlorobenzene		1.635	1.541	0.010	5.7	20 (40)
1,2-Dichlorobenzene		1.553	1.460	0.010	6.0	20 (40)
2-Methylphenol (o-cresol)		1.190	1.085	0.700	8.8	20 (40)
Bis(2-chloroisopropyl)ether		2.701	1.806	0.010	33.1 +	20 (40)
N-Nitrosodi-n-propylamine		1.099	0.931	0.500	15.3	20 (40)
3&4-Methylphenol (m&p-cresol)		1.370	1.221	0.600	10.9	20 (40)
Acetophenone		2.085	1.863	0.010	10.6	20 (40)
Hexachloroethane		0.646	0.576	0.300	10.8	20 (40)
Nitrobenzene		1.621	1.340	0.200	17.3	20 (40)
Isophorone		0.694	0.604	0.400	13.0	20 (40)
2-Nitrophenol	qi	30	25.18		16.1	20
2,4-Dimethylphenol	qi	30	29.48		1.7	20
Bis(2-chloroethoxy)methane		0.406	0.370	0.300	8.9	20 (40)
Benzoic Acid	qi	30	30.40		-1.3	20
2,4-Dichlorophenol		0.271	0.258	0.200	4.8	20 (40)
1,2,4-Trichlorobenzene		0.286	0.283	0.010	1.0	20 (40)
Naphthalene		1.041	0.966	0.700	7.2	20 (40)
4-Chloroaniline		0.133	0.117	0.010	12.0	20 (40)
Hexachlorobutadiene		0.135	0.139	0.010	-3.0	20 (40)
4-Chloro-3-methylphenol		0.297	0.273	0.200	8.1	20 (40)
2-Methylnaphthalene		0.674	0.634	0.400	5.9	20 (40)
Hexachlorocyclopentadiene		0.162	0.126	0.050	22.2 +	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

Instrument: CHEM19 Calibration Date: 08/21/24 Time: 22:54

Lab File Id: 0821_21.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.295	0.287	0.010	2.7	20 (40)
2,4,6-Trichlorophenol	0.359	0.351	0.200	2.2	20 (40)
2,4,5-Trichlorophenol	0.395	0.387	0.200	2.0	20 (40)
2-Chloronaphthalene	1.184	1.203	0.800	-1.6	20 (40)
4-Nitroaniline	0.447	0.379	0.010	15.2	20 (40)
Dimethylphthalate	1.336	1.340	0.010	-0.3	20 (40)
2,6-Dinitrotoluene	0.296	0.303	0.200	-2.4	20 (40)
Acenaphthylene	2.043	2.029	0.900	0.7	20 (40)
3-Nitroaniline qi	30	26.90		10.3	20
Acenaphthene	1.191	1.109	0.900	6.9	20 (40)
2,4-Dinitrophenol qi	30	24.51		18.3	20
Dibenzofuran	1.690	1.682	0.800	0.5	20 (40)
2,4-Dinitrotoluene qi	30	30.40		-1.3	20
4-Nitrophenol qi	30	20.53		31.6 #	20
Diethyl phthalate	1.329	1.304	0.010	1.9	20 (40)
Fluorene	1.399	1.385	0.900	1.0	20 (40)
4-Chlorophenyl phenyl ether	0.627	0.638	0.400	-1.8	20 (40)
2-Nitroaniline qi	30	21.73		27.6 #	20
4,6-Dinitro-2-methylphenol qi	30	29.17		2.8	20
N-Nitrosodiphenylamine	0.996	0.987	0.010	0.9	20 (40)
Azobenzene	1.619	1.346	0.010	16.9	20 (40)
4-Bromophenyl phenyl ether	0.185	0.201	0.100	-8.6	20 (40)
Hexachlorobenzene	0.094	0.079	* 0.100	16.0	20 (40)
Pentachlorophenol qi	30	19.90		33.7 #	20
Pentachloronitrobenzene	0.064	0.059	0.010	7.8	20 (40)
Phenanthrene	1.113	1.081	0.700	2.9	20 (40)
Anthracene	1.127	1.128	0.700	-0.1	20 (40)
Carbazole	1.089	1.026	0.010	5.8	20 (40)
Di-n-butylphthalate	1.271	1.307	0.010	-2.8	20 (40)
Fluoranthene	1.195	1.187	0.600	0.7	20 (40)
Pyrene	1.259	1.247	0.600	1.0	20 (40)
Benzyl butyl phthalate qi	30	29.26		2.5	20
Bis(2-ethylhexyl)phthalate qi	30	28.92		3.6	20
Benz(a)anthracene	1.285	1.239	0.800	3.6	20 (40)
Chrysene	1.252	1.223	0.700	2.3	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment: Qualification of several analytes of non-detect estimate "UJ" values within all samples is due to %D results above laboratory limit.

7B

SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

Instrument: CHEM19 Calibration Date: 08/22/24 Time: 09:19

Lab File Id: 0821_49.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
N-Nitrosodimethylamine	1.035	0.791	0.010	23.6	50
Pyridine	1.816	1.380	0.010	24.0	50
Phenol	1.858	1.813	0.010	2.4	50
Bis(2-chloroethyl)ether	1.230	0.990	0.010	19.5	50
Aniline	2.271	2.038	0.010	10.3	50
2-Chlorophenol	1.464	1.360	0.010	7.1	50
1,3-Dichlorobenzene	1.627	1.513	0.010	7.0	50
1,4-Dichlorobenzene	1.635	1.530	0.010	6.4	50
1,2-Dichlorobenzene	1.553	1.452	0.010	6.5	50
2-Methylphenol (o-cresol)	1.190	1.091	0.010	8.3	50
Bis(2-chloroisopropyl)ether	2.701	1.945	0.010	28.0	50
N-Nitrosodi-n-propylamine	1.099	0.978	0.010	11.0	50
3&4-Methylphenol (m&p-cresol)	1.370	1.242	0.010	9.3	50
Acetophenone	2.085	1.869	0.010	10.4	50
Hexachloroethane	0.646	0.443	0.010	31.4	50
Nitrobenzene	1.621	1.373	0.010	15.3	50
Isophorone	0.694	0.623	0.010	10.2	50
2-Nitrophenol qi	30	24.11		19.6	20
2,4-Dimethylphenol qi	30	31.04		-3.5	20
Bis(2-chloroethoxy)methane	0.406	0.372	0.010	8.4	50
Benzoic Acid qi	30	33.93		-13.1	20
2,4-Dichlorophenol	0.271	0.269	0.010	0.7	50
1,2,4-Trichlorobenzene	0.286	0.287	0.010	-0.3	50
Naphthalene	1.041	0.987	0.010	5.2	50
4-Chloroaniline	0.133	0.126	0.010	5.3	50
Hexachlorobutadiene	0.135	0.138	0.010	-2.2	50
4-Chloro-3-methylphenol	0.297	0.281	0.010	5.4	50
2-Methylnaphthalene	0.674	0.647	0.010	4.0	50
Hexachlorocyclopentadiene	0.162	0.015	0.010	90.7 #	50
1,2,4,5-Tetrachlorobenzene	0.295	0.294	0.010	0.3	50
2,4,6-Trichlorophenol	0.359	0.370	0.010	-3.1	50
2,4,5-Trichlorophenol	0.395	0.400	0.010	-1.3	50
2-Chloronaphthalene	1.184	1.190	0.010	-0.5	50
4-Nitroaniline	0.447	0.372	0.010	16.8	50
Dimethylphthalate	1.336	1.339	0.010	-0.2	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

Instrument: CHEM19 Calibration Date: 08/22/24 Time: 09:19

Lab File Id: 0821_49.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.296	0.299	0.010	-1.0	50
Acenaphthylene	2.043	2.035	0.010	0.4	50
3-Nitroaniline qi	30	34.54		-15.1	20
Acenaphthene	1.191	1.098	0.010	7.8	50
2,4-Dinitrophenol qi	30	7.29		75.7 #	20
Dibenzofuran	1.690	1.673	0.010	1.0	50
2,4-Dinitrotoluene qi	30	29.63		1.2	20
4-Nitrophenol qi	30	22.38		25.4 #	20
Diethyl phthalate	1.329	1.283	0.010	3.5	50
Fluorene	1.399	1.377	0.010	1.6	50
4-Chlorophenyl phenyl ether	0.627	0.646	0.010	-3.0	50
2-Nitroaniline qi	30	36.54		-21.8 #	20
4,6-Dinitro-2-methylphenol qi	30	11.26		62.5 #	20
N-Nitrosodiphenylamine	0.996	1.032	0.010	-3.6	50
Azobenzene	1.619	1.369	0.010	15.4	50
4-Bromophenyl phenyl ether	0.185	0.196	0.010	-5.9	50
Hexachlorobenzene	0.094	0.080	0.010	14.9	50
Pentachlorophenol qi	30	28.57		4.8	20
Pentachloronitrobenzene	0.064	0.057	0.010	10.9	50
Phenanthrene	1.113	1.076	0.010	3.3	50
Anthracene	1.127	1.125	0.010	0.2	50
Carbazole	1.089	1.042	0.010	4.3	50
Di-n-butylphthalate	1.271	1.272	0.010	-0.1	50
Fluoranthene	1.195	1.156	0.010	3.3	50
Pyrene	1.259	1.197	0.010	4.9	50
Benzyl butyl phthalate qi	30	31.29		-4.3	20
Bis(2-ethylhexyl)phthalate qi	30	31.34		-4.5	20
Benz(a)anthracene	1.285	1.241	0.010	3.4	50
Chrysene	1.252	1.229	0.010	1.8	50
Di-n-octylphthalate qi	30	29.41		2.0	20
3,3'-dichlorobenzidine qi	30	17.09		43.0 #	20
Benzo(b)fluoranthene	1.243	1.184	0.010	4.7	50
Benzo(k)fluoranthene	1.241	1.171	0.010	5.6	50
Benzo(a)pyrene	1.115	1.034	0.010	7.3	50
Indeno(1,2,3-cd)pyrene	1.243	0.975	0.010	21.6	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

3D
SOIL SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR45184

LCS Spike - Client Id: CR45185 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.		
Bis(2-chloroethoxy)methane	3333	0.0	1901	57	30	130	
Benzoic Acid	3333	0.0	2244	67	30	130	
2,4-Dichlorophenol	3333	0.0	2085	63	30	130	
1,2,4-Trichlorobenzene	3333	0.0	1955	59	30	130	
Naphthalene	3333	0.0	1805	54	30	130	
4-Chloroaniline	3333	0.0	1788	54	30	130	
Hexachlorobutadiene	3333	0.0	2018	61	30	130	
4-Chloro-3-methylphenol	3333	0.0	2121	64	30	130	
2-Methylnaphthalene	3333	0.0	1967	59	30	130	
Hexachlorocyclopentadiene	3333	0.0	1027	31	30	130	
1,2,4,5-Tetrachlorobenzene	3333	0.0	1923	58	30	130	
2,4,6-Trichlorophenol	3333	0.0	2094	63	30	130	
2,4,5-Trichlorophenol	3333	0.0	2035	61	30	130	
2-Chloronaphthalene	3333	0.0	1988	60	30	130	
4-Nitroaniline	3333	0.0	1754	53	30	130	
Dimethylphthalate	3333	0.0	2048	61	30	130	
2,6-Dinitrotoluene	3333	0.0	2195	66	30	130	
Acenaphthylene	3333	0.0	1691	51	30	130	
3-Nitroaniline	3333	0.0	2330	70	30	130	
COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Bis(2-chloroethoxy)methane	3333	1835	55	3.6		30	130
Benzoic Acid	3333	2264	68	1.5		30	130
2,4-Dichlorophenol	3333	2058	62	1.6		30	130
1,2,4-Trichlorobenzene	3333	1922	58	1.7		30	130
Naphthalene	3333	1797	54	0.0		30	130
4-Chloroaniline	3333	1774	53	1.9		30	130
Hexachlorobutadiene	3333	1980	59	3.3		30	130
4-Chloro-3-methylphenol	3333	2121	64	0.0		30	130
2-Methylnaphthalene	3333	1895	57	3.4		30	130
Hexachlorocyclopentadiene	3333	938.3	28 *	10.2		30	130
1,2,4,5-Tetrachlorobenzene	3333	1850	56	3.5		30	130
2,4,6-Trichlorophenol	3333	2099	63	0.0		30	130
2,4,5-Trichlorophenol	3333	2085	63	3.2		30	130
2-Chloronaphthalene	3333	1965	59	1.7		30	130
4-Nitroaniline	3333	1733	52	1.9		30	130
Dimethylphthalate	3333	2098	63	3.2		30	130
2,6-Dinitrotoluene	3333	2219	67	1.5		30	130
Acenaphthylene	3333	1682	50	2.0		30	130
3-Nitroaniline	3333	2397	72	2.8		30	130

FORM III SV

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, several analytes are qualified as rejected "UJ" value for within sample. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

CLIENT ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB-1/MW-1 6-7`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR45184 Lab Sample ID: CR45185

Sample wt/vol: 15.17 (g/mL) g Lab File ID: 0821_25.D

Concentrated Extract Volume: 1000 (uL) Date Received: 08/20/24

% Moisture: 16 Date Extracted: 08/21/24

Instrument: CHEM19 Inj. Vol. 1.0 (uL) Date Analyzed: 08/22/24

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Soil CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	97	390	r
108-95-2	Phenol	270	U	130	270	r
111-44-4	Bis(2-chloroethyl)ether	390	UJ	110	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	120	270	r
106-46-7	1,4-Dichlorobenzene	270	U	120	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	160	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	UJ	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	160	270	r
105-67-9	2,4-Dimethylphenol	270	U	97	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	780	U	160	780	r
120-83-2	2,4-Dichlorophenol	270	UJ	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	160	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	U	R 120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	94	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	130	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	630	UJ	130	630	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-1/MW-1 6-7`	
SDG No.:	GCR45184	Lab Sample ID:	CR45185		
Sample wt/vol:	15.17 (g/mL)	g	Lab File ID:	0821_25.D	
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/20/24	
% Moisture:	16		Date Extracted:	08/21/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	U	200	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	UJ	78	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	UJ	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	UJ	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	120	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	UJ	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	160	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	UJ	190	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, several analytes are qualified as rejected "UJ" value for within sample. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

CLIENT ID

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB-2/MW-2 6.5-8

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR45184 Lab Sample ID: CR45186

Sample wt/vol: 15.49 (g/mL) g Lab File ID: 0821_31.D

Concentrated Extract Volume: 1000 (uL) Date Received: 08/20/24

% Moisture: 13 Date Extracted: 08/21/24

Instrument: CHEM19 Inj. Vol. 1.0 (uL) Date Analyzed: 08/22/24

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Soil CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	370	U	100	370	r
110-86-1	Pyridine	370	U	91	370	r
108-95-2	Phenol	260	U	120	260	r
111-44-4	Bis(2-chloroethyl)ether	370	UJ	100	370	r
62-53-3	Aniline	370	U	150	370	r
95-57-8	2-Chlorophenol	260	U	110	260	r
541-73-1	1,3-Dichlorobenzene	260	U	110	260	r
106-46-7	1,4-Dichlorobenzene	260	U	110	260	r
95-50-1	1,2-Dichlorobenzene	260	U	100	260	r
95-48-7	2-Methylphenol (o-cresol)	260	U	150	260	r
108-60-1	Bis(2-chloroisopropyl)ether	260	UJ	100	260	r
621-64-7	N-Nitrosodi-n-propylamine	260	U	120	260	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	370	U	150	370	r
98-86-2	Acetophenone	260	U	120	260	r
67-72-1	Hexachloroethane	260	U	110	260	r
98-95-3	Nitrobenzene	260	U	130	260	r
78-59-1	Isophorone	260	U	100	260	r
88-75-5	2-Nitrophenol	260	U	150	260	r
105-67-9	2,4-Dimethylphenol	260	U	92	260	r
111-91-1	Bis(2-chloroethoxy)methane	260	U	100	260	r
65-85-0	Benzoic Acid	740	U	150	740	r
120-83-2	2,4-Dichlorophenol	260	UJ	130	260	r
120-82-1	1,2,4-Trichlorobenzene	260	U	110	260	r
91-20-3	Naphthalene	260	U	110	260	r
106-47-8	4-Chloroaniline	260	U	150	260	r
87-68-3	Hexachlorobutadiene	260	U	130	260	r
59-50-7	4-Chloro-3-methylphenol	260	U	130	260	r
91-57-6	2-Methylnaphthalene	260	U	110	260	r
77-47-4	Hexachlorocyclopentadiene	260	U R	110	260	r
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	89	260	r
88-06-2	2,4,6-Trichlorophenol	260	U	120	260	r
95-95-4	2,4,5-Trichlorophenol	260	U	96	260	r
91-58-7	2-Chloronaphthalene	260	U	110	260	r
100-01-6	4-Nitroaniline	590	UJ	120	590	r
131-11-3	Dimethylphthalate	260	U	120	260	r
606-20-2	2,6-Dinitrotoluene	260	U	120	260	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-2/MW-2 6.5-8'
SDG No.:	<u>GCR45184</u>	Lab Sample ID:	<u>CR45186</u>	
Sample wt/vol:	<u>15.49</u> (g/mL) <u>g</u>	Lab File ID:	<u>0821_31.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/20/24</u>	
% Moisture:	<u>13</u>	Date Extracted:	<u>08/21/24</u>	
Instrument:	<u>CHEM19</u>	Inj. Vol.	<u>1.0</u> (uL)	Date Analyzed:
		<u>08/22/24</u>		
GPC Cleanup:(Y/N)	<u>N</u>	pH:	<u></u>	Dilution Factor:
		<u>1</u>		
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	260	U	100	260	r
99-09-2	3-Nitroaniline	370	U	150	370	r
83-32-9	Acenaphthene	260	U	110	260	r
51-28-5	2,4-Dinitrophenol	370	U	190	370	r
132-64-9	Dibenzofuran	260	U	110	260	r
121-14-2	2,4-Dinitrotoluene	260	U	150	260	r
100-02-7	4-Nitrophenol	260	UJ	74	260	r
84-66-2	Diethyl phthalate	260	U	120	260	r
86-73-7	Fluorene	260	U	120	260	r
7005-72-3	4-Chlorophenyl phenyl ether	260	U	120	260	r
88-74-4	2-Nitroaniline	370	UJ	150	370	r
534-52-1	4,6-Dinitro-2-methylphenol	370	UJ	150	370	r
86-30-6	N-Nitrosodiphenylamine	370	U	140	370	r
122-66-7	Azobenzene	370	U	150	370	r
101-55-3	4-Bromophenyl phenyl ether	370	U	110	370	r
118-74-1	Hexachlorobenzene	260	U	110	260	r
87-86-5	Pentachlorophenol	370	UJ	140	370	r
82-68-8	Pentachloronitrobenzene	370	U	110	370	r
85-01-8	Phenanthrene	260	U	110	260	r
120-12-7	Anthracene	260	U	120	260	r
86-74-8	Carbazole	370	U	150	370	r
84-74-2	Di-n-butylphthalate	370	U	150	370	r
206-44-0	Fluoranthene	260	U	120	260	r
92-87-5	Benzidine	260	U	150	260	r
129-00-0	Pyrene	260	U	130	260	r
85-68-7	Benzyl butyl phthalate	260	U	96	260	r
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	110	370	r
56-55-3	Benz(a)anthracene	260	U	120	260	r
218-01-9	Chrysene	260	U	120	260	r
117-84-0	Di-n-octylphthalate	260	U	96	260	r
91-94-1	3,3'-dichlorobenzidine	260	UJ	180	260	r
205-99-2	Benzo(b)fluoranthene	260	U	130	260	r
207-08-9	Benzo(k)fluoranthene	260	U	120	260	r
50-32-8	Benzo(a)pyrene	260	U	120	260	r
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	120	260	r
53-70-3	Dibenz(a,h)anthracene	260	U	120	260	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, several analytes are qualified as rejected "UJ" value for within sample. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

CLIENT ID

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

DUPE

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCR45184</u>	Lab Sample ID:	<u>CR45187</u>
Sample wt/vol:	<u>15.00</u> (g/mL) <u>g</u>	Lab File ID:	<u>0821_32.D</u>
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/20/24</u>
% Moisture:	<u>13</u>	Date Extracted:	<u>08/21/24</u>
Instrument:	<u>CHEM19</u>	Inj. Vol.	<u>1.0</u> (uL)
GPC Cleanup:(Y/N)	<u>N</u>	pH:	<u></u>
		Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg)	<u>ug/Kg</u>

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	380	U	110	380	r
110-86-1	Pyridine	380	U	94	380	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	380	U J	100	380	r
62-53-3	Aniline	380	U	150	380	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	150	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U J	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	120	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	380	U	150	380	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	110	270	r
98-95-3	Nitrobenzene	270	U	130	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	150	270	r
105-67-9	2,4-Dimethylphenol	270	U J	95	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	770	U	150	770	r
120-83-2	2,4-Dichlorophenol	270	U	130	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	150	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	130	270	r
91-57-6	2-Methylnaphthalene	270	U	110	270	r
77-47-4	Hexachlorocyclopentadiene	270	U R	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	92	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	610	U	130	610	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	DUPE
SDG No.:	GCR45184	Lab Sample ID:	CR45187	
Sample wt/vol:	15.00 (g/mL)	g	Lab File ID:	0821_32.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/20/24
% Moisture:	13		Date Extracted:	08/21/24
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	380	U	150	380	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	380	U	190	380	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	UJ	77	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	380	UJ	150	380	r
534-52-1	4,6-Dinitro-2-methylphenol	380	UJ	150	380	r
86-30-6	N-Nitrosodiphenylamine	380	U	150	380	r
122-66-7	Azobenzene	380	U	150	380	r
101-55-3	4-Bromophenyl phenyl ether	380	U	110	380	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	380	UJ	140	380	r
82-68-8	Pentachloronitrobenzene	380	U	110	380	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	380	U	150	380	r
84-74-2	Di-n-butylphthalate	380	U	150	380	r
206-44-0	Fluoranthene	270	U	120	270	r
92-87-5	Benzidine	270	U	150	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	99	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	380	U	110	380	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U	99	270	r
91-94-1	3,3'-dichlorobenzidine	270	UJ	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	120	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP)



Method Review: 8082A PCB

Lab Job ID: GCR45184

Lab ID	Field ID	Collection Date	Matrix
CR45185	SB-1/MW-1 6-7'	8/20/2024	Soil
CR45186	SB-2/MW-2 6.5-8'	8/20/2024	Soil
CR45187	DUPE	8/20/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD08 while samples were analyzed on ECD29. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values. QA/QC samples were run on ECD48, thus all normal qualification occurred on associated samples.

- ECD48 had a failure in within CCVs, it was not over 25% as stated in SOP. No further qualification needed. ECD29 failures within files 822A036 and 822A036 led to qualification of Aroclor 1260 as non-detect estimate "UJ" value in sample CR45187.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			ECD48 had a failure in within CCVs, it was not over 25% as stated in SOP. No further qualification needed. ECD29 failures within files 822A036 and 822A036 led to qualification of Aroclor 1260 as non-detect estimate "UJ" value in sample CR45187. See attachment.
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Arcelor standard (C3) and within RT window?	x			
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?		x		Samples run on instrument EDC29 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed. Blanks associated with ECD48 were within laboratory criteria.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?	x			Matrix samples were not evaluated on ECD29 thus no qualification will be made based on this data. Matrix sample associated with ECD48 were within laboratory criteria.
Were MS/MSD (%R) and RPD within QC?	x			
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Laboratory control samples were not evaluated on ECD29 thus no qualification will be made based on this data. Laboratory control sample associated with ECD48 were within laboratory criteria.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) within ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			

Criteria	Y	N	NA	Comment
K. Field Duplicates				SB-2 / MW-2 6.5-8'and DUPE
Were Field Duplicated identified within sample package?	x			No analytes were detected within field duplicate samples.
Was RPD less than 50%?				
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Continuous calibration failure led to qualification of sample. All results are within Cat. B criterion and usable.



Calculation Spot Check

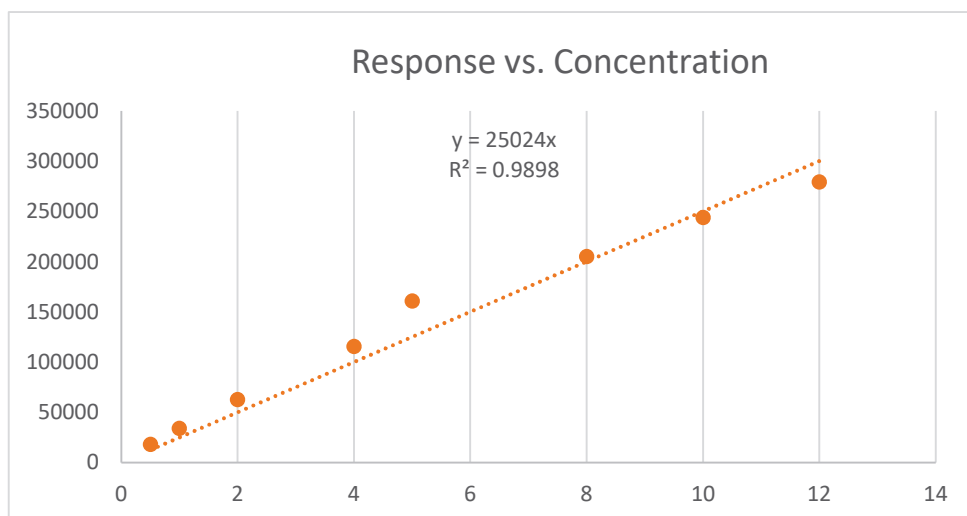
Instrument: ECD29

ICV Date and Time: 08/15/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.045	0.5	18029.6
LV2	0.041	1	34047.6
LV3	0.039	2.0000	62550
LV4	0.037	4.0000	115512
LV5	0.034	5.0000	160737.79
LV6	0.032	8.0000	204896.89
LV7	0.034	10.0000	244041.32
LV8	0.051	12.0000	279264
Mean	0.039		
%RSD	16.36		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.





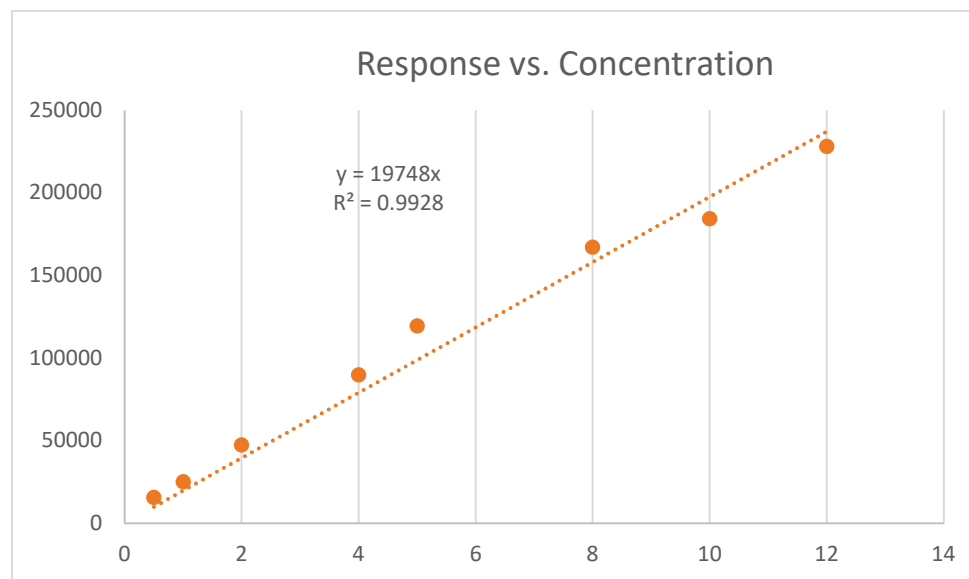
Calculation Spot Check

Instrument: ECD48

ICV Date and Time: 07/29/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.035	0.5	15603.69
LV2	0.033	1	25070.18
LV3	0.031	2.0000	47214.98
LV4	0.029	4.0000	89696.94
LV5	0.029	5.0000	119388.57
LV6	0.027	8.0000	166914.21
LV7	0.027	10.0000	184117.18
LV8	0.032	12.0000	228018.55
Mean	0.030		
%RSD	9.47		



7D
PCB CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR45184
GC Col A:	RTX-440	ID:	0.53	(mm)	Init. Calib. Date(s): 08/15/24 08/15/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;42w			Date Analyzed:	08/22/24
LAB Sample ID (PEM):	mix 600;42w - 822A030			Time Analyzed:	19:23
Instrument:	ECD29			File:	822A030

COMPOUND	RT	RT WINDOW		RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
		FROM	TO					
Aroclor 1016-1	6.06	6.00	6.10	558	600	7		0.039
Aroclor 1016-2	7.84	7.78	7.88	583	600	3		0.148
Aroclor 1016-3	7.97	7.91	8.01	624	600	4		0.061
Aroclor 1016-4	8.16	8.10	8.20	646	600	8		0.047
Aroclor 1016-5	8.82	8.76	8.86	579	600	4		0.045
Aroclor 1260-1	11.20	11.13	11.27	513	600	15		0.085
Aroclor 1260-2	11.77	11.69	11.83	551	600	8		0.117
Aroclor 1260-3	12.60	12.52	12.66	452	600	25	*	0.044
Aroclor 1260-4	12.89	12.82	12.96	477	600	21	*	0.079
Aroclor 1260-5	13.04	12.96	13.10	453	600	25	*	0.038
Decachlorobiphenyl	16.17	16.07	16.27	67	80	16		1.491
Tetrachloro-m-xylene	5.19	5.13	5.23	73	80	9		1.672

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor 1260 (Primary) as non-detect estimate "UJ" values within associated sample (DUPE) due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR45184
GC Col A:	RTX-440	ID:	0.53	(mm)	Init. Calib. Date(s): 08/15/24 08/15/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;42v			Date Analyzed:	08/22/24
LAB Sample ID (PEM):	mix 600;42v - 822A036			Time Analyzed:	21:40
Instrument:	ECD29			File:	822A036

[illegible]

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor-1260 as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file files 822A036 and 822A036.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: RTX-440 0.32

SDG No.: GCR45184

Matrix: (soil/water) Soil Lab Sample ID: CR45187

Sample wt/vol: 15.32 (g/mL) g Lab File ID: 822A033

% Moisture: 13 decanted: (Y/N) N Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/22/24

Injection Volume: 1 (uL) Dilution Factor: 10

CONCENTRATION UNITS: ug/Kg

[illegible]

11100-14-4 Sample PQL Calc: $(100\text{raw} * 10\text{df} * 5\text{fv}) / (15.32\text{wt-vol} * 0.87\%\text{sol}) = 380$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR45184

Lab ID	Field ID	Collection Date	Matrix
CR45185	SB-1/MW-1 6-7'	8/20/2024	Soil
CR45186	SB-2/MW-2 6.5-8'	8/20/2024	Soil
CR45187	DUPE	8/20/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument EDD 33 while samples were analyzed on ECD4. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. Detected analytes will be qualified as estimate "J" values.
- Within Continues Calibrations, several analytes were above laboratory limits of the CCVs of instrument ECD04 associated with the SDG GCR45184 in which all the samples were analyzed. All sample will have these analytes qualified as a non-detect estimate "UJ" values.
- Duplicate pair SB-2/MW-2 6.5-8' and DUPE samples results are within acceptable limits of comparison except for a-Chlorodane and Chlorodane which RPD which were over 50%.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Several analytes were above laboratory limits of the CCVs of instrument ECD04 associated with the SDG GCR45184 in which all the samples were analyzed. All sample will have these analytes qualified as a non-detect estimate "UJ" values. Please see attachment.
Were (%D), relative respond factors (RRF) and RT within criteria?		x		
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			
PEM % breakdown did not exceed criteria?	x			

Criteria	Y	N	NA	Comment
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			While blanks were present they were analyzed on a different instrument than samples thus all detection will be qualified as estimate "J" values with in all samples.
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminants found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards?	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SDG or matrix?	x			While matrix samples were run, they were run a different instrument than samples thus no qualification will be made on this data.
Was MS/MSD done at specific frequency required by criteria?	x			
Were MS/MSD (%R) and RPD within QC?	x			
H. Laboratory control sample				
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			While laboratory control samples were run, they were run a different instrument than samples thus no qualification will be made on this data.
Was LCS (%R) within QC Limits?	x			
I. Field Duplicates				SB-2 / MW-2 6.5-8' and DUPE
Were field duplicates collected?	x			Duplicate pair SB-2/MW-2 6.5-8' and DUPE samples results are within acceptable limits of comparison except for a-Chlorodane and Chlorodane which RPD which were over 50%. See attachment.
Were %RPD < 50% for observed analytes?				

Criteria	Y	N	NA	Comment
J. Florisil Cartridge Performance Check				
Were %R within specification.	x			
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are within calculated window?	x			
%D of target analytes and Toxaphene are calculated to less than 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			
M. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
N. EPA Regional QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		
O. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration qualification is needed. Qualification also due to lack of QA/QC data from sample associated instrument. All results are within Cat. B criterion and usable.



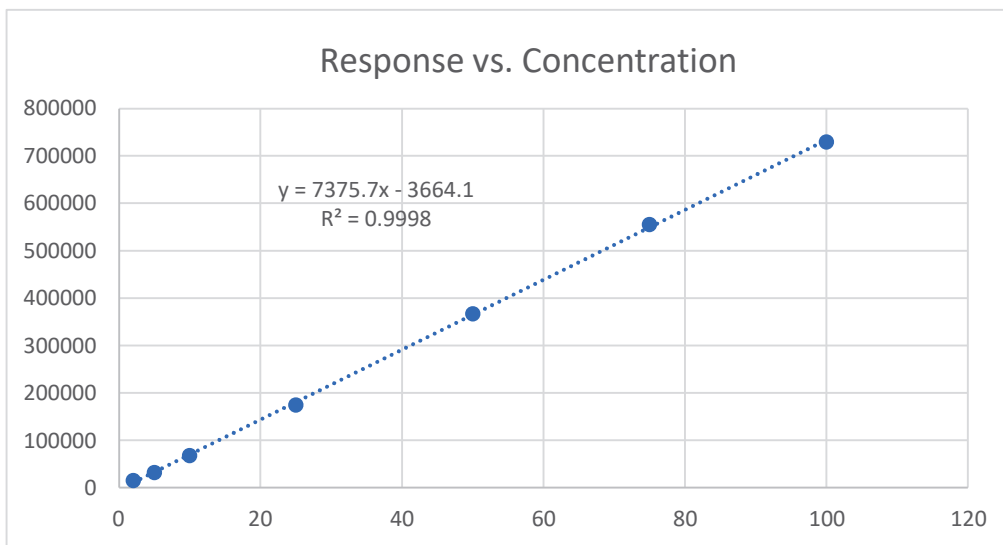
Calculation Spot Check

Instrument: ECD4

ICV Date and Time: 7/25/2024

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	1.996	15214	2
L2	2.12	32632	5
L3	2.191	68206	10
L4	2.264	174699	25
L5	2.299	367513	50
L6	2.28	555644	75
L7	2.275	729753	100
average	2.204		
RSD	5.04		



Blind Duplicate Comparison



Well	Original Sample SB-2/MW-2 6.5-8'	Blind Duplicate DUPE	Relative Percent Difference
4,4' -DDT	-	3.7	NA
a-Chlordane	16	27	51.16
g-Chlordane	16	22	31.58
Chlordane	77	130	51.21
4,4' -DDD	35	39	10.81
4,4' -DDE	27	26	3.77

Reviewer comment: Duplicate pair SB-2/MW-2 6.5-8' and DUPE samples results are within acceptable limits of comparison except for a-Chlorodane and Chlorodane which RPD was over 50%. No further qualification needed.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

GC Col A: CLPesticide: ID: 0.53 (mm) Init. Calib. Date(s): 07/25/24 07/25/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;31s Date Analyzed: 08/22/24

LAB Sample ID (PEM): mix 4;31s - 821A052 Time Analyzed: 1:43

Instrument: ECD4 File: 821A052

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.89	4.19	4.29	61	50	22	*	2.204
beta-BHC	4.28	4.58	4.68	54	50	8		1.043
delta-BHC	4.45	4.76	4.86	58	50	16		2.198
gamma-BHC (Lindane)	4.20	4.50	4.60	59	50	18		2.087
Heptachlor	4.66	4.96	5.06	53	50	6		2.273
Aldrin	4.94	5.26	5.36	58	50	16		2.050
Heptachlor Epoxide	5.51	5.86	6.00	57	50	14		1.945
Endosulfan I	5.91	6.29	6.43	67	50	34	*	1.801
Dieldrin	6.16	6.56	6.70	55	50	10		1.998
4,4' -DDE	5.86	6.20	6.34	48	50	4		1.717
Endrin	6.41	6.84	6.98	47	50	6		1.792
Endosulfan II	6.67	7.11	7.25	56	50	12		1.718
4,4' -DDD	6.49	6.89	7.03	55	50	10		1.368
Endosulfan Sulfate	7.66	8.09	8.23	44	50	12		1.855
4,4' -DDT	6.81	7.23	7.37	49	50	2		1.609
Methoxychlor	7.41	7.78	7.92	44	50	12		0.941
Endrin ketone	7.98	8.41	8.55	54	50	8		1.892
Endrin Aldehyde	7.15	7.60	7.74	56	50	12		1.527
alpha-Chlordane	5.77	6.13	6.27	59	50	18		1.829
gamma-Chlordane	5.64	5.99	6.13	56	50	12		1.958
Decachlorobiphenyl	9.08	9.40	9.60	67	80	16		1.868
Tetrachloro-m-xylene	3.35	3.63	3.73	84	80	5		1.328

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR45184

GC Col A: CLPesticide: ID: 0.53 (mm) Init. Calib. Date(s): 07/25/24 07/25/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;31s Date Analyzed: 08/22/24

LAB Sample ID (PEM): mix 4;31s - 821A065 Time Analyzed: 5:28

Instrument: ECD4 File: 821A065

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.90	4.19	4.29	62	50	24	*	2.204
beta-BHC	4.29	4.58	4.68	62	50	24	*	1.043
delta-BHC	4.46	4.76	4.86	61	50	22	*	2.198
gamma-BHC (Lindane)	4.20	4.50	4.60	60	50	20		2.087
Heptachlor	4.66	4.96	5.06	54	50	8		2.273
Aldrin	4.94	5.26	5.36	60	50	20		2.050
Heptachlor Epoxide	5.52	5.86	6.00	57	50	14		1.945
Endosulfan I	5.92	6.29	6.43	73	50	46	*	1.801
Dieldrin	6.17	6.56	6.70	55	50	10		1.998
4,4' -DDE	5.87	6.20	6.34	41	50	18		1.717
Endrin	6.42	6.84	6.98	45	50	10		1.792
Endosulfan II	6.68	7.11	7.25	60	50	20		1.718
4,4' -DDD	6.51	6.89	7.03	58	50	16		1.368
Endosulfan Sulfate	7.66	8.09	8.23	44	50	12		1.855
4,4' -DDT	6.82	7.23	7.37	52	50	4		1.609
Methoxychlor	7.42	7.78	7.92	44	50	12		0.941
Endrin ketone	7.99	8.41	8.55	55	50	10		1.892
Endrin Aldehyde	7.16	7.60	7.74	57	50	14		1.527
alpha-Chlordane	5.78	6.13	6.27	60	50	20		1.829
gamma-Chlordane	5.65	5.99	6.13	57	50	14		1.958
Decachlorobiphenyl	9.08	9.40	9.60	65	80	19		1.868
Tetrachloro-m-xylene	3.36	3.63	3.73	85	80	6		1.328

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 07/25/24 07/25/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;31s Date Analyzed: 08/22/24

LAB Sample ID (PEM): mix 4;31s - 821B065 Time Analyzed: 5:28

Instrument: ECD4 File: 821B065

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.39	4.49	4.59	47	50	6		2.411
beta-BHC	4.93	5.02	5.12	46	50	8		1.117
delta-BHC	5.18	5.28	5.38	49	50	2		2.308
gamma-BHC (Lindane)	4.72	4.83	4.93	52	50	4		2.142
Heptachlor	5.34	5.48	5.58	50	50	0		2.040
Aldrin	5.71	5.86	5.96	49	50	2		2.053
Heptachlor Epoxide	6.22	6.35	6.49	47	50	6		2.039
Endosulfan I	6.69	6.84	6.98	57	50	14		1.569
Dieldrin	7.06	7.21	7.35	49	50	2		1.874
4,4' -DDE	6.91	7.06	7.20	48	50	4		1.761
Endrin	7.36	7.50	7.64	39	50	22	*	1.737
Endosulfan II	7.65	7.78	7.92	49	50	2		1.550
4,4' -DDD	7.60	7.73	7.87	50	50	0		1.284
Endosulfan Sulfate	8.12	8.25	8.39	47	50	6		1.440
4,4' -DDT	8.00	8.13	8.27	46	50	8		1.370
Methoxychlor	8.61	8.74	8.88	44	50	12		0.753
Endrin ketone	8.68	8.81	8.95	54	50	8		1.389
Endrin Aldehyde	7.82	7.95	8.09	48	50	4		1.368
alpha-Chlordane	6.64	6.79	6.93	47	50	6		1.840
gamma-Chlordane	6.54	6.68	6.82	47	50	6		1.962
Decachlorobiphenyl	10.21	10.34	10.54	81	80	1		1.067
Tetrachloro-m-xylene	3.92	4.03	4.13	78	80	3		1.647

QC LIMITS:
%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-1/MW-1 6-7'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR45184

Matrix: (soil/water) Soil

Lab Sample ID: CR45185

Sample wt/vol: 15.03 (g/mL) g

Lab File ID: 821A057

% Moisture: 16

decanted: (Y/N) N

Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.9	C	U J	7.9	7.9
319-85-7	beta-BHC	1.043	7.9	C	U J	7.9	7.9
319-86-8	delta-BHC	NA	7.9	C	U J	7.9	7.9
58-89-9	gamma-BHC (Lindane)	2.087	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	2.273	7.9	C	U	7.9	7.9
309-00-2	Aldrin	2.050	4.0	C	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	NA	7.9	C	U	7.9	7.9
959-98-8	Endosulfan I	NA	7.9	C	U	7.9	7.9
60-57-1	Dieldrin	1.998	4.0	C	U	4.0	4.0
72-55-9	4,4' -DDE	NA	2.4	C	U	2.4	2.4
72-20-8	Endrin	NA	7.9	C	U	7.9	7.9
33213-65-9	Endosulfan II	NA	7.9	C	U	7.9	7.9
72-54-8	4,4' -DDD	1.368	2.4	C	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	7.9	C	U J	7.9	7.9
50-29-3	4,4' -DDT	1.609	2.4	C	U	2.4	2.4
72-43-5	Methoxychlor	NA	40	C	U	40	40
53494-70-5	Endrin ketone	1.892	7.9	C	U	7.9	7.9
7421-93-4	Endrin Aldehyde	NA	7.9	C	U	7.9	7.9
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	C	U	4.0	4.0
5103-74-2	gamma-Chlordane	1.958	4.0	C	U	4.0	4.0
57-74-9	Chlordane	NA	40	C	U	40	40
2051-24-3	Decachlorobiphenyl	1.868	79	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	90	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.03wt-vol * 0.84%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-1/MW-1 6-7'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: Rtx-440 0.32

SDG No.: GCR45184

Matrix: (soil/water) Soil

Lab Sample ID: CR45185

Sample wt/vol: 15.03 (g/mL) g

Lab File ID: 821B057

% Moisture: 16

decanted: (Y/N) N

Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.9	P	U	7.9	7.9
319-85-7	beta-BHC	NA	7.9	P	U	7.9	7.9
319-86-8	delta-BHC	NA	7.9	P	U	7.9	7.9
58-89-9	gamma-BHC (Lindane)	2.142	1.6	P	U	1.6	1.6
76-44-8	Heptachlor	NA	7.9	P	U	7.9	7.9
309-00-2	Aldrin	2.053	4.0	P	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	2.039	7.9	P	U	7.9	7.9
959-98-8	Endosulfan I	NA	7.9	P	U	7.9	7.9
60-57-1	Dieldrin	NA	4.0	P	U	4.0	4.0
72-55-9	4,4' -DDE	1.761	2.4	P	U	2.4	2.4
72-20-8	Endrin	1.737	7.9	P	UJ	7.9	7.9
33213-65-9	Endosulfan II	1.550	7.9	P	U	7.9	7.9
72-54-8	4,4' -DDD	NA	2.4	P	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	1.440	7.9	P	U	7.9	7.9
50-29-3	4,4' -DDT	1.370	2.4	P	U	2.4	2.4
72-43-5	Methoxychlor	0.753	40	P	U	40	40
53494-70-5	Endrin ketone	NA	7.9	P	U	7.9	7.9
7421-93-4	Endrin Aldehyde	NA	7.9	P	U	7.9	7.9
8001-35-2	Toxaphene	NA	160	P	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	P	U	4.0	4.0
5103-74-2	gamma-Chlordane	1.962	4.0	P	U	4.0	4.0
57-74-9	Chlordane	NA	40	P	U	40	40
2051-24-3	Decachlorobiphenyl	1.067	94	P		%	%
877-09-8	Tetrachloro-m-xylene	1.647	82	P		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.03wt-vol * 0.84%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV. Qualification of detected analytes is due to lack of QA/QC data from analytical instrument ECD04.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-2/MW-2 6.5-8'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR45184

Matrix: (soil/water) Soil

Lab Sample ID: CR45186

Sample wt/vol: 15.12 (g/mL) g

Lab File ID: 821A059

% Moisture: 13

decanted: (Y/N) N

Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.6	C	UJ	7.6	7.6
319-85-7	beta-BHC	NA	7.6	C	UJ	7.6	7.6
319-86-8	delta-BHC	NA	7.6	C	UJ	7.6	7.6
58-89-9	gamma-BHC (Lindane)	NA	1.5	C	U	1.5	1.5
76-44-8	Heptachlor	NA	7.6	C	U	7.6	7.6
309-00-2	Aldrin	NA	3.8	C	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	1.945	7.6	C	U	7.6	7.6
959-98-8	Endosulfan I	NA	7.6	C	UJ	7.6	7.6
60-57-1	Dieldrin	1.998	3.8	C	U	3.8	3.8
72-55-9	4,4' -DDE	1.717	27	P	J	2.3	2.3
72-20-8	Endrin	NA	7.6	C	U	7.6	7.6
33213-65-9	Endosulfan II	NA	7.6	C	U	7.6	7.6
72-54-8	4,4' -DDD	1.368	35	P	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.6	C	U	7.6	7.6
50-29-3	4,4' -DDT	1.609	2.3	C	U	2.3	2.3
72-43-5	Methoxychlor	NA	38	C	U	38	38
53494-70-5	Endrin ketone	NA	7.6	C	U	7.6	7.6
7421-93-4	Endrin Aldehyde	NA	7.6	C	U	7.6	7.6
8001-35-2	Toxaphene	NA	150	C	U	150	150
5103-71-9	alpha-Chlordane	1.829	16	P	J	3.8	3.8
5103-74-2	gamma-Chlordane	1.958	13	C	J	3.8	3.8
57-74-9	Chlordane	NA	* Present in Sample	X	J	38	38
2051-24-3	Decachlorobiphenyl	1.868	77	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	86	C		%	%

72-55-9Sample PQL Calc: (3raw * 2df * 5fv) / (15.12wt-vol * 0.87%sol) = 2.3

72-55-9Sample Result Calc: ((36.0682raw * 2df * 5fv) / (15.12wt-vol * 0.87%sol) = 27

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-2/MW-2 6.5-8'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: CLPesticides 0.32 SDG No.: GCR45184

Matrix: (soil/water) Soil Lab Sample ID: CR45186

Sample wt/vol: 15.12 (g/mL) g Lab File ID: 821A059_1

% Moisture: 13 decanted: (Y/N) N Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/22/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.6	X	UJ	7.6	7.6
319-85-7	beta-BHC	NA	7.6	X	UJ	7.6	7.6
319-86-8	delta-BHC	NA	7.6	X	UJ	7.6	7.6
58-89-9	gamma-BHC (Lindane)	NA	1.5	X	U	1.5	1.5
76-44-8	Heptachlor	NA	7.6	X	U	7.6	7.6
309-00-2	Aldrin	NA	3.8	X	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	NA	7.6	X	U	7.6	7.6
959-98-8	Endosulfan I	NA	7.6	X	UJ	7.6	7.6
60-57-1	Dieldrin	NA	3.8	X	U	3.8	3.8
72-55-9	4,4' -DDE	NA	* Present in Sample	X	J	2.3	2.3
72-20-8	Endrin	NA	7.6	X	U	7.6	7.6
33213-65-9	Endosulfan II	NA	7.6	X	U	7.6	7.6
72-54-8	4,4' -DDD	NA	* Present in Sample	X	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.6	X	U	7.6	7.6
50-29-3	4,4' -DDT	NA	2.3	X	U	2.3	2.3
72-43-5	Methoxychlor	NA	38	X	U	38	38
53494-70-5	Endrin ketone	NA	7.6	X	U	7.6	7.6
7421-93-4	Endrin Aldehyde	NA	7.6	X	U	7.6	7.6
8001-35-2	Toxaphene	NA	150	X	U	150	150
5103-71-9	alpha-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
5103-74-2	gamma-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
57-74-9	Chlordane	NA	77	P	J	38	38
2051-24-3	Decachlorobiphenyl	2.081	70	X		%	%
877-09-8	Tetrachloro-m-xylene	1.436	81	X		%	%

57-74-9 Sample PQL Calc: $(50\text{raw} * 2\text{df} * 5\text{fv}) / (15.12\text{wt-vol} * 0.87\%\text{sol}) = 38$

57-74-9 Sample Result Calc: $((101.747\text{raw} * 2\text{df} * 5\text{fv}) / (15.12\text{wt-vol} * 0.87\%\text{sol})) = 77$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-2/MW-2 6.5-8'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: Rtx-440 0.32

SDG No.: GCR45184

Matrix: (soil/water) Soil

Lab Sample ID: CR45186

Sample wt/vol: 15.12 (g/mL) g

Lab File ID: 821B059

% Moisture: 13

decanted: (Y/N) N

Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.6	P	U	7.6	7.6
319-85-7	beta-BHC	NA	7.6	P	U	7.6	7.6
319-86-8	delta-BHC	NA	7.6	P	U	7.6	7.6
58-89-9	gamma-BHC (Lindane)	NA	1.5	P	U	1.5	1.5
76-44-8	Heptachlor	2.040	7.6	P	U	7.6	7.6
309-00-2	Aldrin	NA	3.8	P	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	2.039	7.6	P	U	7.6	7.6
959-98-8	Endosulfan I	NA	7.6	P	U	7.6	7.6
60-57-1	Dieldrin	1.874	3.8	P	U	3.8	3.8
72-55-9	4,4' -DDE	1.761	25	C	J	2.3	2.3
72-20-8	Endrin	NA	7.6	P	UJ	7.6	7.6
33213-65-9	Endosulfan II	NA	7.6	P	U	7.6	7.6
72-54-8	4,4' -DDD	1.284	31	C	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	1.440	7.6	P	U	7.6	7.6
50-29-3	4,4' -DDT	1.370	2.3	P	U	2.3	2.3
72-43-5	Methoxychlor	NA	38	P	U	38	38
53494-70-5	Endrin ketone	NA	7.6	P	U	7.6	7.6
7421-93-4	Endrin Aldehyde	NA	7.6	P	U	7.6	7.6
8001-35-2	Toxaphene	NA	150	P	U	150	150
5103-71-9	alpha-Chlordane	1.840	11	C	J	3.8	3.8
5103-74-2	gamma-Chlordane	1.962	16	P	J	3.8	3.8
57-74-9	Chlordane	NA	* Present in Sample	X	J	38	38
2051-24-3	Decachlorobiphenyl	1.067	94	P		%	%
877-09-8	Tetrachloro-m-xylene	1.647	77	P		%	%

72-55-9Sample PQL Calc: (3raw * 2df * 5fv) / (15.12wt-vol * 0.87%sol) = 2.3

72-55-9Sample Result Calc: ((33.3917raw * 2df * 5fv) / (15.12wt-vol * 0.87%sol) = 25

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analyte Endrin as non-detect estimate "UJ" value is due to %D results above laboratory limit within associated CCV. Qualification of detected analytes is due to lack of QA/QC data from analytical instrument ECD04.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-2/MW-2 6.5-8'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: Rtx-440 0.32 SDG No.: GCR45184

Matrix: (soil/water) Soil Lab Sample ID: CR45186

Sample wt/vol: 15.12 (g/mL) g Lab File ID: 821B059_1

% Moisture: 13 decanted: (Y/N) N Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/22/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.6	X	U	7.6	7.6
319-85-7	beta-BHC	NA	7.6	X	U	7.6	7.6
319-86-8	delta-BHC	NA	7.6	X	U	7.6	7.6
58-89-9	gamma-BHC (Lindane)	NA	1.5	X	U	1.5	1.5
76-44-8	Heptachlor	NA	7.6	X	U	7.6	7.6
309-00-2	Aldrin	NA	3.8	X	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	NA	7.6	X	U	7.6	7.6
959-98-8	Endosulfan I	NA	7.6	X	U	7.6	7.6
60-57-1	Dieldrin	NA	3.8	X	U	3.8	3.8
72-55-9	4,4' -DDE	NA	* Present in Sample	X	J	2.3	2.3
72-20-8	Endrin	NA	7.6	X	UJ	7.6	7.6
33213-65-9	Endosulfan II	NA	7.6	X	U	7.6	7.6
72-54-8	4,4' -DDD	NA	* Present in Sample	X	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.6	X	U	7.6	7.6
50-29-3	4,4' -DDT	NA	2.3	X	U	2.3	2.3
72-43-5	Methoxychlor	NA	38	X	U	38	38
53494-70-5	Endrin ketone	NA	7.6	X	U	7.6	7.6
7421-93-4	Endrin Aldehyde	NA	7.6	X	U	7.6	7.6
8001-35-2	Toxaphene	NA	150	X	U	150	150
5103-71-9	alpha-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
5103-74-2	gamma-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
57-74-9	Chlordane	NA	70	C	J	38	38
2051-24-3	Decachlorobiphenyl	1.213	85	X		%	%
877-09-8	Tetrachloro-m-xylene	1.868	68	X		%	%

57-74-9 Sample PQL Calc: $(50\text{raw} * 2\text{df} * 5\text{fv}) / (15.12\text{wt-vol} * 0.87\%\text{sol}) = 38$

57-74-9 Sample Result Calc: $((91.769\text{raw} * 2\text{df} * 5\text{fv}) / (15.12\text{wt-vol} * 0.87\%\text{sol})) = 70$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV. Qualification of detected analytes is due to lack of QA/QC data from analytical instrument ECD04.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR45184

Matrix: (soil/water) Soil

Lab Sample ID: CR45187

Sample wt/vol: 15.32 (g/mL) g

Lab File ID: 821A062

% Moisture: 13

decanted: (Y/N) N

Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.5	C	UJ	7.5	7.5
319-85-7	beta-BHC	NA	7.5	C	UJ	7.5	7.5
319-86-8	delta-BHC	NA	7.5	C	UJ	7.5	7.5
58-89-9	gamma-BHC (Lindane)	NA	1.5	C	U	1.5	1.5
76-44-8	Heptachlor	NA	7.5	C	U	7.5	7.5
309-00-2	Aldrin	NA	3.8	C	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	1.945	7.5	C	U	7.5	7.5
959-98-8	Endosulfan I	NA	7.5	C	UJ	7.5	7.5
60-57-1	Dieldrin	1.998	3.8	C	U	3.8	3.8
72-55-9	4,4' -DDE	1.717	26	P	J	2.3	2.3
72-20-8	Endrin	NA	7.5	C	U	7.5	7.5
33213-65-9	Endosulfan II	NA	7.5	C	U	7.5	7.5
72-54-8	4,4' -DDD	1.368	39	P	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.5	C	U	7.5	7.5
50-29-3	4,4' -DDT	1.609	3.2	C	J	2.3	2.3
72-43-5	Methoxychlor	NA	38	C	U	38	38
53494-70-5	Endrin ketone	1.892	7.5	C	U	7.5	7.5
7421-93-4	Endrin Aldehyde	NA	7.5	C	U	7.5	7.5
8001-35-2	Toxaphene	NA	150	C	U	150	150
5103-71-9	alpha-Chlordane	1.829	27	P	J	3.8	3.8
5103-74-2	gamma-Chlordane	1.958	21	C	J	3.8	3.8
57-74-9	Chlordane	NA	* Present in Sample	X	J	38	38
2051-24-3	Decachlorobiphenyl	1.868	83	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	91	C		%	%

72-55-9Sample PQL Calc: (3raw * 2df * 5fv) / (15.32wt-vol * 0.87%sol) = 2.3

72-55-9Sample Result Calc: ((34.7998raw * 2df * 5fv) / (15.32wt-vol * 0.87%sol) = 26

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV. Qualification of detected analytes is due to lack of QA/QC data from analytical instrument ECD04.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR45184

Matrix: (soil/water) Soil

Lab Sample ID: CR45187

Sample wt/vol: 15.32 (g/mL) g

Lab File ID: 821A062_1

% Moisture: 13

decanted: (Y/N) N

Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.5	X	U J	7.5	7.5
319-85-7	beta-BHC	NA	7.5	X	U J	7.5	7.5
319-86-8	delta-BHC	NA	7.5	X	U J	7.5	7.5
58-89-9	gamma-BHC (Lindane)	NA	1.5	X	U	1.5	1.5
76-44-8	Heptachlor	NA	7.5	X	U	7.5	7.5
309-00-2	Aldrin	NA	3.8	X	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	NA	7.5	X	U	7.5	7.5
959-98-8	Endosulfan I	NA	7.5	X	U J	7.5	7.5
60-57-1	Dieldrin	NA	3.8	X	U	3.8	3.8
72-55-9	4,4' -DDE	NA	* Present in Sample	X	J	2.3	2.3
72-20-8	Endrin	NA	7.5	X	U	7.5	7.5
33213-65-9	Endosulfan II	NA	7.5	X	U	7.5	7.5
72-54-8	4,4' -DDD	NA	* Present in Sample	X	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.5	X	U	7.5	7.5
50-29-3	4,4' -DDT	NA	* Present in Sample	X	J	2.3	2.3
72-43-5	Methoxychlor	NA	38	X	U	38	38
53494-70-5	Endrin ketone	NA	7.5	X	U	7.5	7.5
7421-93-4	Endrin Aldehyde	NA	7.5	X	U	7.5	7.5
8001-35-2	Toxaphene	NA	150	X	U	150	150
5103-71-9	alpha-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
5103-74-2	gamma-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
57-74-9	Chlordane	NA	130	P	J	38	38
2051-24-3	Decachlorobiphenyl	2.081	74	X		%	%
877-09-8	Tetrachloro-m-xylene	1.436	86	X		%	%

57-74-9

Sample PQL Calc: (50raw * 2df * 5fv) / (15.32wt-vol * 0.87%sol) = 38

57-74-9

Sample Result Calc: ((170.7raw * 2df * 5fv) / (15.32wt-vol * 0.87%sol) = 130

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analyte Endrin as non-detect estimate "UJ" value is due to %D results above laboratory limit within associated CCV. Qualification of detected analytes is due to lack of QA/QC data from analytical instrument ECD04.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: Rtx-440 0.32 SDG No.: GCR45184

Matrix: (soil/water) Soil Lab Sample ID: CR45187

Sample wt/vol: 15.32 (g/mL) g Lab File ID: 821B062

% Moisture: 13 decanted: (Y/N) N Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/22/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.5	P	U	7.5	7.5
319-85-7	beta-BHC	NA	7.5	P	U	7.5	7.5
319-86-8	delta-BHC	NA	7.5	P	U	7.5	7.5
58-89-9	gamma-BHC (Lindane)	2.142	1.5	P	U	1.5	1.5
76-44-8	Heptachlor	2.040	7.5	P	U	7.5	7.5
309-00-2	Aldrin	NA	3.8	P	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	2.039	7.5	P	U	7.5	7.5
959-98-8	Endosulfan I	NA	7.5	P	U	7.5	7.5
60-57-1	Dieldrin	1.874	3.8	P	U	3.8	3.8
72-55-9	4,4' -DDE	1.761	24	C	J	2.3	2.3
72-20-8	Endrin	NA	7.5	P	U J	7.5	7.5
33213-65-9	Endosulfan II	NA	7.5	P	U	7.5	7.5
72-54-8	4,4' -DDD	1.284	33	C	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	1.440	7.5	P	U	7.5	7.5
50-29-3	4,4' -DDT	1.370	3.7	P	J	2.3	2.3
72-43-5	Methoxychlor	0.753	38	P	U	38	38
53494-70-5	Endrin ketone	NA	7.5	P	U	7.5	7.5
7421-93-4	Endrin Aldehyde	NA	7.5	P	U	7.5	7.5
8001-35-2	Toxaphene	NA	150	P	U	150	150
5103-71-9	alpha-Chlordane	1.840	18	C	J	3.8	3.8
5103-74-2	gamma-Chlordane	1.962	22	P	J	3.8	3.8
57-74-9	Chlordane	NA	* Present in Sample	X	J	38	38
2051-24-3	Decachlorobiphenyl	1.067	99	P		%	%
877-09-8	Tetrachloro-m-xylene	1.647	80	P		%	%

72-55-9 Sample PQL Calc: $(3\text{raw} * 2\text{df} * 5\text{fv}) / (15.32\text{wt-vol} * 0.87\%\text{sol}) = 2.3$

72-55-9 Sample Result Calc: $((32.5259\text{raw} * 2\text{df} * 5\text{fv}) / (15.32\text{wt-vol} * 0.87\%\text{sol})) = 24$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: Rtx-440 0.32 SDG No.: GCR45184

Matrix: (soil/water) Soil Lab Sample ID: CR45187

Sample wt/vol: 15.32 (g/mL) g Lab File ID: 821B062_1

% Moisture: 13 decanted: (Y/N) N Date Received: 08/20/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/22/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.5	X	U	7.5	7.5
319-85-7	beta-BHC	NA	7.5	X	U	7.5	7.5
319-86-8	delta-BHC	NA	7.5	X	U	7.5	7.5
58-89-9	gamma-BHC (Lindane)	NA	1.5	X	U	1.5	1.5
76-44-8	Heptachlor	NA	7.5	X	U	7.5	7.5
309-00-2	Aldrin	NA	3.8	X	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	NA	7.5	X	U	7.5	7.5
959-98-8	Endosulfan I	NA	7.5	X	U	7.5	7.5
60-57-1	Dieldrin	NA	3.8	X	U	3.8	3.8
72-55-9	4,4' -DDE	NA	* Present in Sample	X	J	2.3	2.3
72-20-8	Endrin	NA	7.5	X	UJ	7.5	7.5
33213-65-9	Endosulfan II	NA	7.5	X	U	7.5	7.5
72-54-8	4,4' -DDD	NA	* Present in Sample	X	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.5	X	U	7.5	7.5
50-29-3	4,4' -DDT	NA	* Present in Sample	X	J	2.3	2.3
72-43-5	Methoxychlor	NA	38	X	U	38	38
53494-70-5	Endrin ketone	NA	7.5	X	U	7.5	7.5
7421-93-4	Endrin Aldehyde	NA	7.5	X	U	7.5	7.5
8001-35-2	Toxaphene	NA	150	X	U	150	150
5103-71-9	alpha-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
5103-74-2	gamma-Chlordane	NA	* Present in Sample	X	J	3.8	3.8
57-74-9	Chlordane	NA	130	C	J	38	38
2051-24-3	Decachlorobiphenyl	1.213	87	X		%	%
877-09-8	Tetrachloro-m-xylene	1.868	71	X		%	%

57-74-9 Sample PQL Calc: $(50\text{raw} * 2\text{df} * 5\text{fv}) / (15.32\text{wt-vol} * 0.87\%\text{sol}) = 38$

57-74-9 Sample Result Calc: $((170.909\text{raw} * 2\text{df} * 5\text{fv}) / (15.32\text{wt-vol} * 0.87\%\text{sol})) = 130$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: Method 6010D Metals

Lab Job ID: GCR45184

Lab ID	Field ID	Collection Date	Matrix
CR45185	SB-1/MW-1 6-7'	8/20/2024	Soil
CR45186	SB-2/MW-2 6.5-8'	8/20/2024	Soil
CR45187	DUPE	8/20/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

- It is noted the CRDL was not within recover limits of Mercury but was not detected within any samples, no further qualification is needed.

- Duplicate pair SB-2/MW-2 6.5-8' and DUPE samples results are within acceptable %RPD except for Lead which led to qualification within both sample as estimate "J" value.

Data is within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



Method 6010D Metals

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of aqueous/TCLP/SPLP samples of 180 days preserved with nitric acid (pH>2)?	x			
Technical Hold Time of soil/sediment/wipe samples of 180 days ?	x			
B. Calibration				
Was an initial calibration done when system was set up or after CCV failure?	x			
Were 5 calibration standards and blank run at or below CRQL but above MDL?	x			
Were initial and continuous calibration verification (ICV and CCV) within NFG guidelines of %R (table 3)?	x			
C. Blanks				
Were contaminants found?		x		
Initial Calibration Blank (ICB) was analyzed after standards and run after ICV?	x			
Continuing Calibration Blank (CCB) was ran after every CCV every 2 hrs.	x			

Criteria	Y	N	NA	Comment
D. Laboratory Control Samples				
Was LCS analyzed for every group of aqueous/soil/ sediment /wipes samples in each SDG?(LCS is spiked 2X the CRQL for the associated matrix.)?	x			
Were %Rs within control limit of 70-130%? (Except for Sb and Ag , 50-150%)	x			
E. Matrix Spike/Matrix duplicate				SB-1/MW-1 6-7', CR44950 Mercury
Were MS and MSD analyzed for SGD?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?	x			
F. Duplicate Samples				Lab: SB-1/MW-1 6-7', CR44950 Mercury Field:SB-2/MW-2 6.5-8' and DUPE
Was at least one duplicate sample run per matrix or SDG?	x			Duplicate pair SB-2/MW-2 6.5-8' and DUPE samples results are within acceptable %RPD except for Lead which led to qualification within both sample as estimate "J" value. See attachment.
Were control limit of 50% Relative Percent Difference between 'original' and duplicate?		x		
Were control limit CRQL of <5X found?	x			
G. Serial Dilution				SB-1/MW-1 6-7
Was ICP serial dilution performed on each sample for each group of the same (aqueous/soil/sediment similar matrix or SDG?	x			
Was %D of original compared to dilution $\leq 10\%$?(%D > 15% may be used for soil)	x			
H. Performance Evaluation Sample				
Were PE samples analyzed with the field samples and field blanks in SDG?	x			

Criteria	Y	N	NA	Comment
Were results within warning limits (95% confidence interval) and action limit (99% confidence interval)	x			
I. Regional EPA QA/QC				
Were regional protocols of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
J. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification is due to failure in comparison of field duplicate samples. All results are within Cat. B criterion and usable



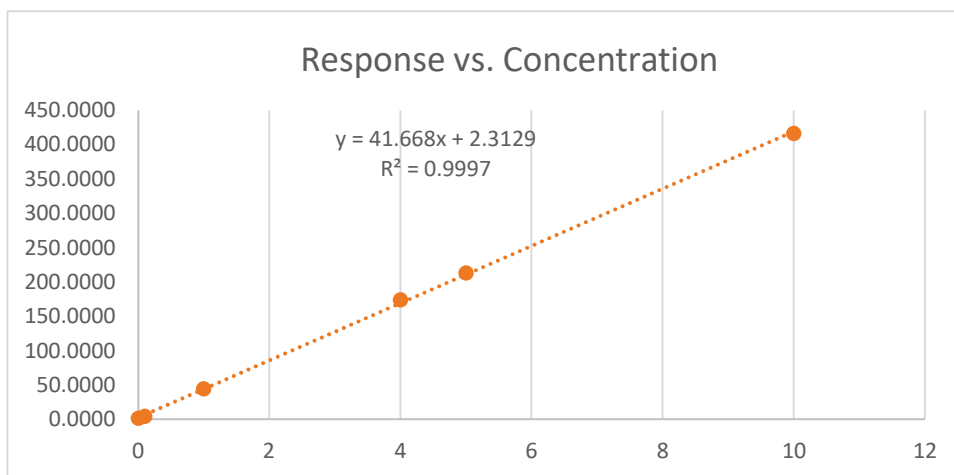
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 8/21/24 9:16

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	1.0235	0	-0.0308
STD85	3.8049	0.1000	0.0356
STD86	43.9500	1.0000	0.9993
STD87	173.6438	4.0000	4.1119
STD88	212.9877	5.0000	5.0561
STD89	415.9854	10.0000	9.9279





Blind Duplicate Comparison

	Original Sample	Blind Duplicate	Relative Percent Difference
	SB-2/MW-2 6.5-8'	DUPE	
Arsenic	2.66	2.68	0.75
Barium	27.1	24.3	10.89
Chromium	7.04	7.49	6.19
Lead	19.2	60.9	104.12

Reviewer comment: Comparing duplicate pair SB-2/MW-2 6.5-8' and DUPE samples results are within acceptable %RPD except for Lead which led to qualification within both sample as estimate "J" value.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E SIM, Isotope Dilution

Lab Job ID: GCR45184

Lab ID	Field ID	Collection Date	Matrix
CR45185	SB-1/MW-1 6-7'	10/8/2024	Soil

Reviewer Summary:

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Internal standards within sample were below lower limits of laboratory criteria leading to qualification as non-detect estimate "UJ" value.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?		X		
Cooling Temp $\leq 6^{\circ}\text{C}$?	X			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	X			
Were all samples analyzed within the 12 hour time period?	X			
Ion abundance criteria met?	X			
C. Initial Calibration				
Was a 5-point calibration conducted?	X			
RSD% within acceptable criterion?	X			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	X			
Was %D for target analytes within acceptable limit.	X			
Was RRF values meet for target analyte?	X			
Was the Initial Calibration Verification (ICV) done after the I.C.?	X			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	X			
Were (%D) and relative response factors (RRF) within acceptable criteria?	X			

Criteria	Y	N	NA	Comment
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(1,4-Dioxane-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				SB-1/MW-1 6-7' MS/MSD
Were MS and MSD analyzed for SDG?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?	x			
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?	x			
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	

Criteria	Y	N	NA	Comment
K. Internal Standard				
Was area response within acceptance limits?		X		Internal standards within sample were below lower limits of laboratory criteria leading to qualification as non-detect estimate "UJ" value. See attachment.
Were retention times within ± 30 sec of cal. standard?	X			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	X			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	X			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	X			
Did the spectrum meet EPA "Functional Guidelines"?	X			
Were chromatograms peaks verified and accounted?	X			
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	X			

Comments: Qualification due to internal standards below lower limits of laboratory criteria. All data were within Cat. B criterion and usable.

Calculation Spot Check

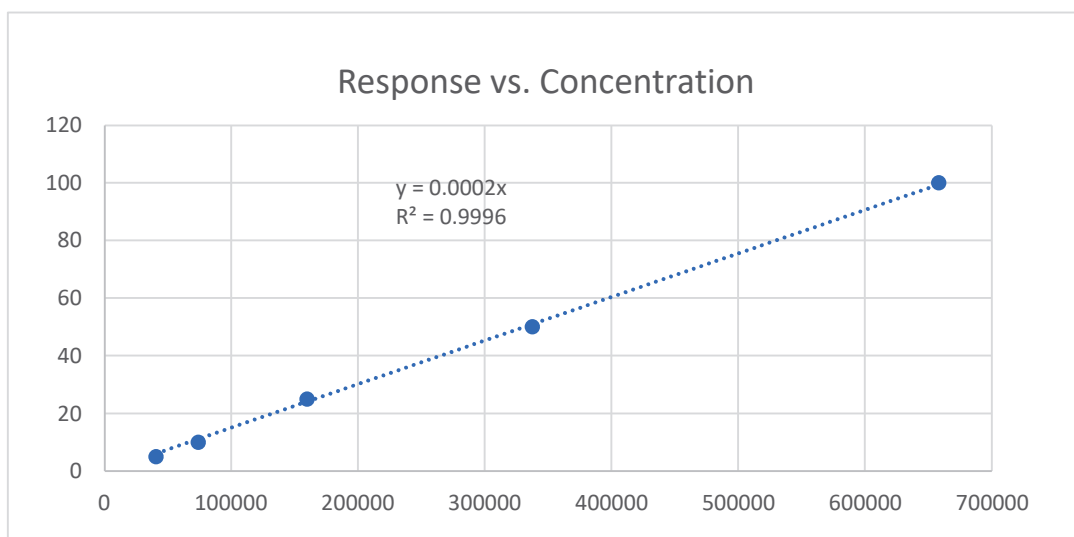
Instrument CHEM33

ICV Date and Time: 08/06/2024 10:25

Compound: 1,4-Dioxane



	Curve Evaluation	Response	Concentration
L1	2.506	7704	1
L2	2.316	40670	5
L3	2.202	73960	10
L4	2.126	159793	25
L5	2.085	337650	50
L6	1.960	658310	100
average	2.199		
RSD	8.7		



8B

1,4 DIOXANE (ISOTOPE) INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184

Lab File ID (Standard): 33_DIOX_0806.M / 0906_06.D Date Analyzed: 09/06/24

Instrument ID: CHEM33 Time Analyzed: 11:25

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #	File ID
12 HOUR STD	42768	6.01			77439	7.81	0906_06.D
UPPER LIMIT	87674	6.51			158750	8.31	0906_06.D
LOWER LIMIT	21170	5.51			38332	7.31	0906_06.D
CLIENT ID							
01 CCAL 25	42768	6.01			77439	7.81	0906_06.D
02 CR45185 BLANK	17202 *	6.01			34109 *	7.82	0906_08.D
03 CR45185 LCS	17976 *	6.02			37161 *	7.92	0906_09.D
04 CR45185 LCSD	21907	6.01			42481	7.93	0906_10.D
05 SB-1/MW-1 6-7' MS	16857 *	6.02			32680 *	7.92	0906_11.D
06 SB-1/MW-1 6-7' MSD	19311 *	6.02			37981 *	7.88	0906_12.D
07 SB-1/MW-1 6-7'	13162 *	6.01			27219 *	7.84	0906_14.D
08 CCAL 25	8156 *	6.02			15407 *	7.95	0906_20.D
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = 1,4-Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
 * Values outside of QC limits.

FORM VIII SV

8C
1,4 DIOXANE (ISOTOPE) INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Phoenix Environmental Labs Client: LABELLA
 Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR45184
 Lab File ID (Standard): 33_DIOX_0806.M / 0906_06.D Date Analyzed: 09/06/24
 Instrument ID: CHEM33 Time Analyzed: 11:25

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #	File ID
12 HOUR STD	140651	8.70					0906_06.D
UPPER LIMIT	288335	9.20					0906_06.D
LOWER LIMIT	69622	8.20					0906_06.D
CLIENT ID							
01 CCAL 25	140651	8.70					0906_06.D
02 CR45185 BLANK	60675 *	8.73					0906_08.D
03 CR45185 LCS	65680 *	8.90					0906_09.D
04 CR45185 LCSD	75593	8.90					0906_10.D
05 SB-1/MW-1 6-7' MS	59196 *	8.87					0906_11.D
06 SB-1/MW-1 6-7' MSD	67429 *	8.80					0906_12.D
07 SB-1/MW-1 6-7'	49434 *	8.76					0906_14.D
08 CCAL 25	30160 *	8.97					0906_20.D
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = 1,4-Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
 * Values outside of QC limits.

FORM VIII SV

Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab York NYLAP ID 12058)

Location: Newton Plaza Associates, LLC



Method Review : 1633

Lab Job ID: GCR45184

Lab ID	Field ID	Collection Date	Matrix
24H1485-01	CR45185	8/20/2024	Solid

Reviewer Summary:

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds, DEC's Sampling, Analysis, And Assessment of Per- and Polyfluoroalkyl Substances and method 1633.

- Within continuous calibration recoveries of certain compounds were outside of criteria but no analytes were detected within sample, thus no qualification is needed.
- Recovery of certain system monitoring analytes were above QC limit but internal standard were well within QC limit, no further qualification needed.

All data is within category B criterion and usable.

Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab York NYLAP ID 12058)

Location: Newton Plaza Associates, LLC

Job ID: GCR45184



1633 Method

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp = 0°C - 6°C?	x			
B. Initial Calibration				
Was a 5-point calibration conducted?	x			
%RSD within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			
C. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Recoveries of certain compounds were outside of criteria but no analytes were detected within sample, thus no qualification is needed.
Were recoveries within acceptable criteria?		x		
D. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		

Criteria	Y	N	NA	Comment
E. Field Blanks/Trip Blank				
Was a field blank associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
F. Internal Standards (Isotope Dilution Recovery)				
Were internal standards percent recovery (%R) within QC limits?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	
H. Laboratory Control Sample (LCS)				
Was LCS analysis performed for this SDG?	x			
Was LCS analysis per analysis performed per batch?	x			
Was LCS (%R) within QC Limits?	x			
I. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	

Criteria	Y	N	NA	Comment
J. Compound Quantitation				
Were correct system monitoring compounds, internal standards, quantitation ions, and RRF used in quantitate compounds?		x		Recovery of certain system monitoring analytes were above QC limit but internal standard were well within QC limit, no further qualification needed.
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
K. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: All results were within Cat. B criterion and usable.



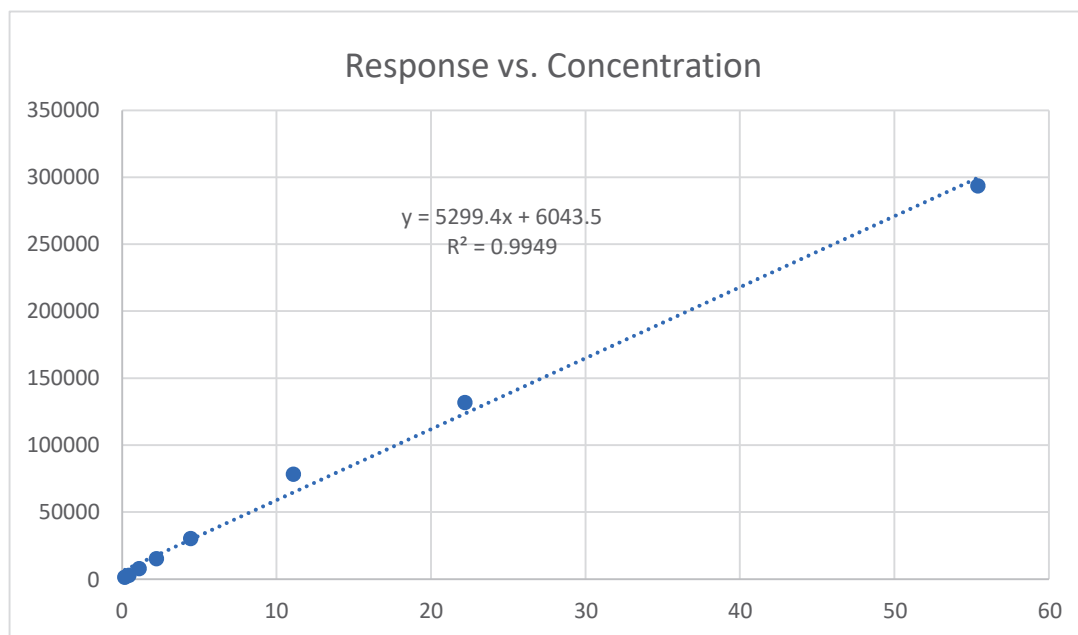
Calculation Spot Check

Instrument: QQQ4

ICV Date and Time: 08/19/2024 08:00

Compound: PFBS

	Curve Evaluation	Response	Concentration
L1	1.356407	1699	0.177
L2	1.095174	2998	0.444
L3	1.152101	8139	1.11
L4	1.080044	15342	2.22
L5	1.169786	30484	4.44
L6	1.169233	78486	11.1
L7	1.180101	131984	22.2
L8	1.2642	293739	55.4
average	1.183381		
RSD	7.578651		



Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP
#NY11301)(sub lab York NYLAP ID 12058)

Location: Newton Plaza Associates, LLC



Method Review: SM 2540G

Lab Job ID: GCR45184

Lab ID	Field ID	Collection Date	Matrix
24H1485-01	CR45185	8/20/2024	Solid

Reviewer Summary:

Samples were handled and analyzed properly under National Functional Guideline for Organic Superfund Method Data Review.

- Duplicates of samples were run under 24H1265-01 and BH41591-DUP1, result is within acceptable quantities for SM 2540G results.

Data is within category B criterion and is usable.

Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab NYLAP ID 12058)

Location: Newton Plaza Associates, LLC

Job ID: GCR45184



Methods : SM 2540G

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Was sample run during technical hold time of aqueous/TCLP/SPLP samples?	x			
Was sample run during technical hold time soil/sediment/wipe samples?	x			
B. Precision test run				
Was balance checked with duplicate weights for accuracy or some other test run before sample processing.	x			
C. Duplicate Samples				
Was at least one duplicate sample is run per matrix or SDE?	x			Duplicates of samples were run under 24H1265-01 and BH49159-DUP1 result is within acceptable quantities for SM 2540G results.
Were control limit of 20% Relative Percent Difference between 'original' and duplicate?	x			
Were control limit CRQL of <5X found?	x			
E. Regional EPA QA/QC				
Were regional protocol of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
F Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.



ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 04/28/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR46087_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR46087_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



Newton Plaza Associates, LLC - Data Usability Summary Report for August 21, 2024, Soil and Water Samples

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Lab Job: GCR46087

Method Evaluated								
Lab ID	Field ID	Collection Date	Matrix	8260D Soil	8260D Water	8270E	8081B	8082A
CR46087	EQUIPMENT BLANK 2	8/21/2024	Water		x			
CR46088	SB-3/MW-3 9.5'-11'	8/21/2024	Soil	x		x	x	x
CR46089	SB-3/MW-3 14-15'	8/21/2024	Soil	x		x	x	x
CR46090	SB-3/MW-3 18-20'	8/21/2024	Soil	x		x	x	x
CR46091	TRIP BLANK LL	8/21/2024	Soil	x				
CR46092	SB-4/MW-4 7-8'	8/21/2024	Soil	x		x	x	x
CR46093	SB-4/MW-4 10-11.5'	8/21/2024	Soil	x		x	x	x
CR46094	SB-4/MW-4 14-15'	8/21/2024	Soil	x		x	x	x
CR46095	SB-5/MW-5 6.5-8'	8/21/2024	Soil	x		x	x	x
CR46096	SB-5/MW-5 9-10'	8/21/2024	Soil	x		x	x	x
CR46097	SB-5/MW-5 14-15'	8/21/2024	Soil	x		x	x	x
CR46098	TRIP BLANK HL	8/21/2024	Soil	x				

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)



- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)
- Method 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides by Gas Chromatography (February 2007)
- Standard Operating Procedure for the Validation of Polychlorinated Biphenyl (PCB) Aroclor Data (April 2022)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets criterion for compliance with methods 8260D, 8270E, 8081.B, and 8082A with the exception of rejected data due to instrument issues as noted in sections 8260D and 8270E. Percent solid method E160.3 was run and all samples are over 30% solid.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR46087**

Lab ID	Field ID	Collection Date	Matrix
CR46088	SB-3/MW-3 9.5'-11'	8/21/2024	Soil
CR46089	SB-3/MW-3 14-15'	8/21/2024	Soil
CR46090	SB-3/MW-3 18-20'	8/21/2024	Soil
CR46091	TRIP BLANK LL	8/21/2024	Soil
CR46092	SB-4/MW-4 7-8'	8/21/2024	Soil
CR46093	SB-4/MW-4 10-11.5'	8/21/2024	Soil
CR46094	SB-4/MW-4 14-15'	8/21/2024	Soil
CR46095	SB-5/MW-5 6.5-8'	8/21/2024	Soil
CR46096	SB-5/MW-5 9-10'	8/21/2024	Soil
CR46097	SB-5/MW-5 14-15'	8/21/2024	Soil
CR46098	TRIP BLANK HL	8/21/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration , %RSD did not meet criteria for several analytes but only Acetone was detected. This lead to qualification of Acetone as an estimate "J" value in samples in which it was detected. Several analytes failed recommended RRF values but were above minimum. No further qualification is need.
- Within continuous calibration of instrument CHEM 31 several analytes failed recommended RRF values but were above minimum. No further qualification is need. Acetone which failed deviation was already qualified due to IC, no further qualification needed.
- Within matrix samples several analytes recoveries were above laboratory criteria, but no analytes except for Acetone (already qualified) were detected within associated sample SB-5 / MW-5 9-10' . No further qualification is needed.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR6087



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration , %RSD did not meet criteria for several analytes but only Acetone was detected. This lead to qualification of Acetone as an estimate "J" value in samples in which it was detected. Several analytes failed recommended RRF values but were above minimum. No further qualification is need. See attachment.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Several analytes failed recommended RRF values but were above minimum. No further qualification is need. Aceton which failed deviation was already qualified due to IC, no further qualification needed.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				TRIP BLANK LL and TRIP BLANK HL
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				SB-5 / MW-5 9-10'(normal and H 50X) MS/MSD
Were MS and MSD analyzed for SDG?	x			Several analytes recoveries were above laboratory criteria, but no analytes except for Acetone (already qualified) were detected within associated sample SB-5 / MW-5 9-10' . No further qualification is needed.
Was MS/MSD done every 20 samples?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
H. Field Duplicate				
Were field duplicates identified in this SGD?		x		
Were target compounds detected in it? Were RPDs less than 50%?			x	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			x	
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in laboratory criteria within initial calibration. All data is usable.

Calculation Spot Check

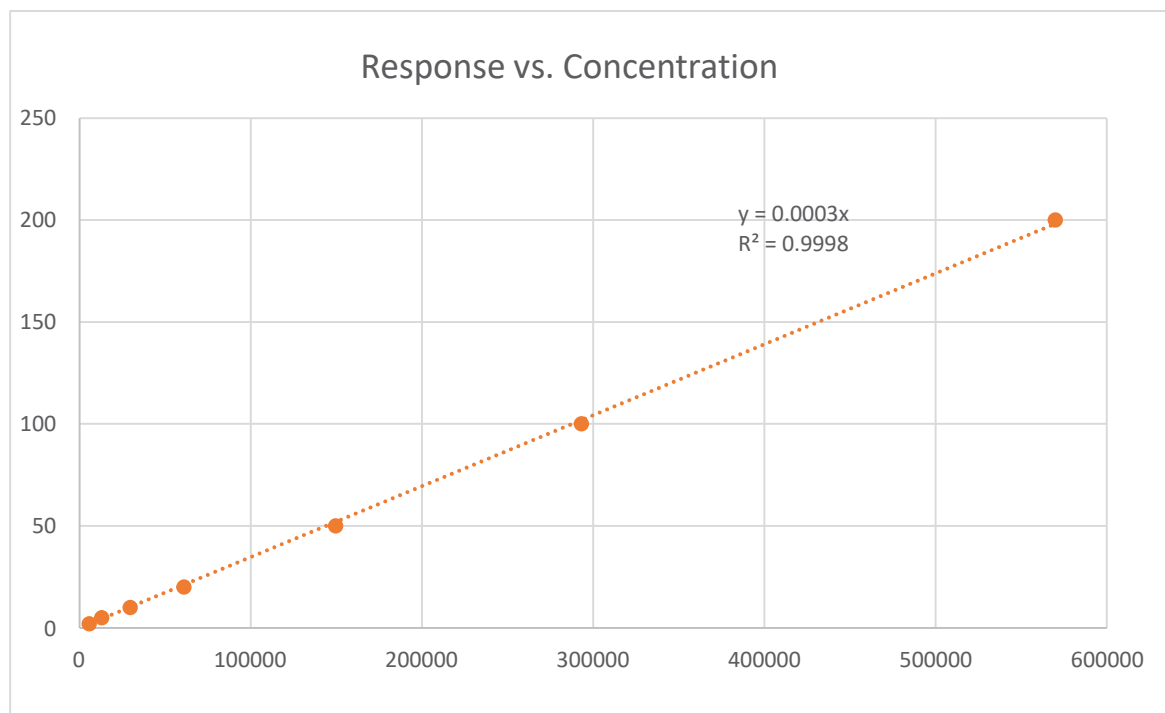
Instrument: CHEM31

ICV Date and time :08/21/24 09:08

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.484	5715	2
L2	0.420	13008	5
L3	0.498	29483	10
L4	0.519	60932	20
L5	0.507	149618	50
L6	0.492	293163	100
L7	0.488	570015	200
average	0.487		
RSD	6.5		



Reviewer Comment: RSD% was above laboratory limits within initial calibration anlyte Acetone led to qualification within samples SB-5/MW-5 9-10', SB-5/MW-5 6.5-8' and SB-4/MW-4 10-11.5' as estimate "J" values.

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR46087

Instrument ID: CHEM31 Calibration Date(s): 08/21/24 08/21/24

Heated Purge (Y/N): Y Calibration Time(s): 09:08 12:07

GC Column: _____ Method File: VT-082124.M

LAB FILE ID:

RRF 2	0821_09.D	RRF 5	0821_19.D	RRF 10	0821_11.D	RRF 20	0821_12.D
RRF 50	0821_13.D	RRF 100	0821_14.D	RRF 200	0821_15.D		

COMPOUND		RRF 2	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100	RRF 200		RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.294	0.311	0.375	0.385	0.385	0.372	0.368		0.356	10.5	20 (40)
Chloromethane		0.484	0.420	0.498	0.519	0.507	0.492	0.488		0.487	6.5	20 (40)
Vinyl Chloride		0.393	0.377	0.443	0.466	0.454	0.446	0.440		0.431	7.6	20 (30)
Bromomethane		0.219	0.191	0.223	0.226	0.210	0.203	0.195		0.210	6.6	20 (40)
Chloroethane		0.226	0.210	0.242	0.251	0.232	0.216	0.184		0.223	9.9	20 (40)
Trichlorofluoromethane		0.443	0.432	0.507	0.518	0.517	0.493	0.457		0.481	7.5	20 (40)
1,1-Dichloroethene		0.293	0.266	0.320	0.336	0.328	0.318	0.301		0.309	7.8	20 (30)
Trichlorotrifluoroethane		0.176	0.188	0.249	0.256	0.253	0.240	0.230		0.227	14.1	20 (40)
Carbon Disulfide		0.952	0.872	1.109	1.148	1.123	1.073	1.023		1.043	9.6	20 (40)
Methylene Chloride		0.509	0.335	0.376	0.368	0.347	0.333	0.325		0.370	17.2	20 (40)
Acetone			0.127	0.111	0.095	0.080	0.072	0.072		0.093	24.3 +	20 (40)
Trans-1,2-Dichloroethene		0.324	0.297	0.374	0.382	0.374	0.360	0.350		0.352	8.8	20 (40)
Methyl t-Butyl Ether (MTBE)		0.756	0.751	0.839	0.883	0.847	0.846	0.834		0.822	6.0	20 (40)
1,1-Dichloroethane		0.660	0.609	0.700	0.742	0.721	0.701	0.681		0.688	6.3	20 (40)
Acrylonitrile		0.104	0.110	0.111	0.118	0.112	0.115	0.113		0.112	4.0	20 (40)
Cis-1,2-Dichloroethene		0.381	0.344	0.414	0.413	0.413	0.402	0.394		0.394	6.4	20 (40)
2,2-Dichloropropane		0.384	0.382	0.439	0.476	0.492	0.502	0.512		0.455	12.0	20 (40)
Bromochloromethane		0.148	0.142	0.171	0.178	0.171	0.170	0.164		0.164	8.0	20 (40)
Chloroform		0.618	0.577	0.678	0.706	0.670	0.666	0.648		0.652	6.5	20 (30)
Carbon Tetrachloride		0.316	0.310	0.356	0.388	0.398	0.421	0.435		0.375	13.1	20 (40)
Tetrahydrofuran (THF)		0.105	0.100	0.103	0.106	0.101	0.099	0.097		0.102	3.3	20 (40)
1,1,1-Trichloroethane		0.461	0.443	0.543	0.573	0.579	0.572	0.567		0.534	10.7	20 (40)
Methyl Ethyl Ketone		0.149	0.154	0.158	0.162	0.154	0.153	0.150		0.154	2.9	20 (40)
1,1-Dichloropropene		0.256	0.258	0.313	0.322	0.324	0.318	0.314		0.301	10.1	20 (40)
Benzene		0.818	0.792	0.929	0.935	0.944	0.932	0.916		0.895	7.0	20 (40)
1,2-Dichloroethane		0.228	0.225	0.249	0.260	0.256	0.255	0.252		0.246	5.7	20 (40)
Trichloroethene		0.216	0.196	0.237	0.247	0.238	0.236	0.228		0.228	7.5	20 (40)
Dibromomethane		0.090	0.100	0.107	0.108	0.107	0.109	0.109		0.104	6.6	20 (40)
1,2-dichloropropane		0.223	0.212	0.233	0.245	0.243	0.243	0.242		0.234	5.3	20 (30)
Bromodichloromethane	*	0.195	0.200	0.227	0.246	0.252	0.257	0.260		0.234	11.6	20 (40)
cis-1,3-Dichloropropene	*	0.241	0.252	0.287	0.306	0.325	0.336	0.338		0.298	13.2	20 (40)
Toluene		0.533	0.512	0.586	0.592	0.593	0.585	0.577		0.568	5.7	20 (30)
4-Methyl-2-Pentanone		0.166	0.166	0.176	0.190	0.183	0.191	0.191		0.180	6.2	20 (40)
Tetrachloroethene		0.158	0.155	0.185	0.187	0.186	0.182	0.180		0.176	7.8	20 (40)
trans-1,3-Dichloropropene	*	0.164	0.188	0.217	0.240	0.267	0.278	0.281		0.234	19.7	20 (40)
1,1,2-Trichloroethane	*	0.140	0.142	0.158	0.161	0.165	0.164	0.164		0.156	7.0	20 (40)
Dibromochloromethane	*	0.112	0.125	0.143	0.157	0.180	0.187	0.189		0.156	19.8	20 (40)
1,3-Dichloropropane		0.260	0.268	0.302	0.317	0.312	0.302	0.297		0.294	7.4	20 (40)
1,2-Dibromoethane	*	0.131	0.145	0.155	0.168	0.171	0.174	0.170		0.159	10.0	20 (40)
2-Hexanone		0.143	0.146	0.138	0.146	0.143	0.143	0.141		0.143	1.8	20 (40)
Chlorobenzene		0.557	0.546	0.628	0.657	0.641	0.613	0.589		0.604	7.0	20 (40)
Ethylbenzene	*	0.330	0.320	0.383	0.390	0.387	0.368	0.354		0.362	7.7	20 (30)
1,1,1,2-Tetrachloroethane		0.122	0.137	0.155	0.175	0.192	0.197	0.198		0.168	18.2	20 (40)
m&p-Xylene		0.414	0.398	0.462	0.477	0.467	0.441	0.418		0.440	6.9	20 (40)
o-Xylene		0.371	0.376	0.441	0.457	0.452	0.433	0.421		0.421	8.3	20 (40)
Styrene		0.600	0.650	0.734	0.771	0.742	0.711	0.695		0.700	8.4	20 (40)
Bromoform	*	0.059	0.067	0.066	0.082	0.094	0.105	0.111		0.084	24.2 +	20 (40)
Isopropylbenzene		0.501	0.498	0.588	0.619	0.607	0.562	0.538		0.559	8.8	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-4/MW-4 10-11.5'
SDG No.:	<u>GCR46087</u>	Lab Sample ID:	<u>CR46093</u>	
Sample wt/vol:	<u>5.74</u> (g/mL) <u>g</u>	Lab File ID:	<u>0821_35.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>08/21/24</u>	
% Moisture:	<u>24</u>	Date Analyzed:	<u>08/22/24</u>	
Instrument:	<u>CHEM31</u>	Column:	<u>RTX-VMS</u>	Dilution Factor: <u>1</u>
Purge Volume	<u>5000</u> (uL)	pH:	<u>n.a.</u>	Soil Aliquot Vol: <u>5000</u> (uL)
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.7	U	0.57	5.7	r
74-87-3	Chloromethane	5.7	U	1.1	5.7	r
75-01-4	Vinyl Chloride	5.7	U	0.57	5.7	r
74-83-9	Bromomethane	5.7	U	2.3	5.7	r
75-00-3	Chloroethane	5.7	U	0.57	5.7	r
75-69-4	Trichlorofluoromethane	5.7	U	1.1	5.7	r
75-35-4	1,1-Dichloroethene	5.7	U	0.57	5.7	r
76-13-1	Trichlorotrifluoroethane	5.7	U	0.57	5.7	r
75-15-0	Carbon Disulfide	5.7	U	1.1	5.7	r
75-09-2	Methylene Chloride	11	U	5.7	11	r
67-64-1	Acetone	49	S	J 5.7	29	r
156-60-5	Trans-1,2-Dichloroethene	5.7	U	0.57	5.7	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.7	U	1.1	5.7	r
107-13-1	Acrylonitrile	11	U	0.57	11	r
156-59-2	Cis-1,2-Dichloroethene	5.7	U	0.57	5.7	r
594-20-7	2,2-Dichloropropane	5.7	U	0.57	5.7	r
74-97-5	Bromochloromethane	5.7	U	0.57	5.7	r
67-66-3	Chloroform	5.7	U	0.57	5.7	r
56-23-5	Carbon Tetrachloride	5.7	U	1.1	5.7	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.9	11	r
71-55-6	1,1,1-Trichloroethane	5.7	U	0.57	5.7	r
78-93-3	Methyl Ethyl Ketone	29	U	5.7	29	r
563-58-6	1,1-Dichloropropene	5.7	U	0.57	5.7	r
71-43-2	Benzene	5.7	U	0.57	5.7	r
107-06-2	1,2-Dichloroethane	5.7	U	0.57	5.7	r
79-01-6	Trichloroethene	5.7	U	0.57	5.7	r
74-95-3	Dibromomethane	5.7	U	1.1	5.7	r
78-87-5	1,2-dichloropropane	5.7	U	1.1	5.7	r
75-27-4	Bromodichloromethane	5.7	U	1.1	5.7	r
10061-01-5	cis-1,3-Dichloropropene	5.7	U	0.57	5.7	r
108-88-3	Toluene	5.7	U	0.57	5.7	r
108-10-1	4-Methyl-2-Pentanone	29	U	5.7	29	r
127-18-4	Tetrachloroethene	5.7	U	1.1	5.7	r
10061-02-6	trans-1,3-Dichloropropene	5.7	U	0.57	5.7	r
79-00-5	1,1,2-Trichloroethane	5.7	U	1.1	5.7	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-5/MW-5 6.5-8'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR46087 Lab Sample ID: CR46095

Sample wt/vol: 5.41 (g/mL) g Lab File ID: 0821_37.D

Level: (low/med/meth): Low Date Received: 08/21/24

% Moisture: 16 Date Analyzed: 08/22/24

Instrument: CHEM31 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.5	U	0.55	5.5	r
74-87-3	Chloromethane	5.5	U	1.1	5.5	r
75-01-4	Vinyl Chloride	5.5	U	0.55	5.5	r
74-83-9	Bromomethane	5.5	U	2.2	5.5	r
75-00-3	Chloroethane	5.5	U	0.55	5.5	r
75-69-4	Trichlorofluoromethane	5.5	U	1.1	5.5	r
75-35-4	1,1-Dichloroethene	5.5	U	0.55	5.5	r
76-13-1	Trichlorotrifluoroethane	5.5	U	0.55	5.5	r
75-15-0	Carbon Disulfide	5.5	U	1.1	5.5	r
75-09-2	Methylene Chloride	11	U	5.5	11	r
67-64-1	Acetone	49	S	J 5.5	27	r
156-60-5	Trans-1,2-Dichloroethene	5.5	U	0.55	5.5	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.5	U	1.1	5.5	r
107-13-1	Acrylonitrile	11	U	0.55	11	r
156-59-2	Cis-1,2-Dichloroethene	5.5	U	0.55	5.5	r
594-20-7	2,2-Dichloropropane	5.5	U	0.55	5.5	r
74-97-5	Bromochloromethane	5.5	U	0.55	5.5	r
67-66-3	Chloroform	5.5	U	0.55	5.5	r
56-23-5	Carbon Tetrachloride	5.5	U	1.1	5.5	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.7	11	r
71-55-6	1,1,1-Trichloroethane	5.5	U	0.55	5.5	r
78-93-3	Methyl Ethyl Ketone	27	U	5.5	27	r
563-58-6	1,1-Dichloropropene	5.5	U	0.55	5.5	r
71-43-2	Benzene	5.5	U	0.55	5.5	r
107-06-2	1,2-Dichloroethane	5.5	U	0.55	5.5	r
79-01-6	Trichloroethene	5.5	U	0.55	5.5	r
74-95-3	Dibromomethane	5.5	U	1.1	5.5	r
78-87-5	1,2-dichloropropane	5.5	U	1.1	5.5	r
75-27-4	Bromodichloromethane	5.5	U	1.1	5.5	r
10061-01-5	cis-1,3-Dichloropropene	5.5	U	0.55	5.5	r
108-88-3	Toluene	5.5	U	0.55	5.5	r
108-10-1	4-Methyl-2-Pentanone	27	U	5.5	27	r
127-18-4	Tetrachloroethene	5.5	U	1.1	5.5	r
10061-02-6	trans-1,3-Dichloropropene	5.5	U	0.55	5.5	r
79-00-5	1,1,2-Trichloroethane	5.5	U	1.1	5.5	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-5/MW-5 9-10`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR46087 Lab Sample ID: CR46096

Sample wt/vol: 5.94 (g/mL) g Lab File ID: 0821_39.D

Level: (low/med/meth): Low Date Received: 08/21/24

% Moisture: 19 Date Analyzed: 08/22/24

Instrument: CHEM31 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.2	U	0.52	5.2	r
74-87-3	Chloromethane	5.2	U	1.0	5.2	r
75-01-4	Vinyl Chloride	5.2	U	0.52	5.2	r
74-83-9	Bromomethane	5.2	U	2.1	5.2	r
75-00-3	Chloroethane	5.2	U	0.52	5.2	r
75-69-4	Trichlorofluoromethane	5.2	U	1.0	5.2	r
75-35-4	1,1-Dichloroethene	5.2	U	0.52	5.2	r
76-13-1	Trichlorotrifluoroethane	5.2	U	0.52	5.2	r
75-15-0	Carbon Disulfide	5.2	U	1.0	5.2	r
75-09-2	Methylene Chloride	10	U	5.2	10	r
67-64-1	Acetone	27	S	J 5.2	26	r
156-60-5	Trans-1,2-Dichloroethene	5.2	U	0.52	5.2	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	U	1.0	10	r
75-34-3	1,1-Dichloroethane	5.2	U	1.0	5.2	r
107-13-1	Acrylonitrile	10	U	0.52	10	r
156-59-2	Cis-1,2-Dichloroethene	5.2	U	0.52	5.2	r
594-20-7	2,2-Dichloropropane	5.2	U	0.52	5.2	r
74-97-5	Bromochloromethane	5.2	U	0.52	5.2	r
67-66-3	Chloroform	5.2	U	0.52	5.2	r
56-23-5	Carbon Tetrachloride	5.2	U	1.0	5.2	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.6	10	r
71-55-6	1,1,1-Trichloroethane	5.2	U	0.52	5.2	r
78-93-3	Methyl Ethyl Ketone	26	U	5.2	26	r
563-58-6	1,1-Dichloropropene	5.2	U	0.52	5.2	r
71-43-2	Benzene	5.2	U	0.52	5.2	r
107-06-2	1,2-Dichloroethane	5.2	U	0.52	5.2	r
79-01-6	Trichloroethene	5.2	U	0.52	5.2	r
74-95-3	Dibromomethane	5.2	U	1.0	5.2	r
78-87-5	1,2-dichloropropane	5.2	U	1.0	5.2	r
75-27-4	Bromodichloromethane	5.2	U	1.0	5.2	r
10061-01-5	cis-1,3-Dichloropropene	5.2	U	0.52	5.2	r
108-88-3	Toluene	5.2	U	0.52	5.2	r
108-10-1	4-Methyl-2-Pentanone	26	U	5.2	26	r
127-18-4	Tetrachloroethene	5.2	U	1.0	5.2	r
10061-02-6	trans-1,3-Dichloropropene	5.2	U	0.52	5.2	r
79-00-5	1,1,2-Trichloroethane	5.2	U	1.0	5.2	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR46087**

Lab ID	Field ID	Collection Date	Matrix
CR46087	EQUIPMENT BLANK2	10/8/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration , %RSD did not meet criteria for several analytes none were detected with sample, no further qualification needed. Several analytes failed recommended RRF values but were above minimum. No further qualification is need.
- Within continuous calibration several analytes were below minimum RRF which led to qualification as rejected "R" values within samples.
- No analytes were detected within sample thus no further qualification needed on associated solid samples.

Data was qualified within category B criterion and is usable, except for rejected "R" value.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR46087



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration , %RSD did not meet criteria for several analytes none were detected with sample, no further qualification needed. Several analytes failed recommended RRF values but were above minimum. No further qualification is need.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Several analytes were below minimum RRF which led to qualification as rejected "R" values within samples. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				EQUIPMENT BLANK
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	

Criteria	Y	N	NA	Comment
H. Field Duplicate				
Were field duplicates identified in this SGD?		x		
Were target compounds detected in it? Were RSPs less than 50%?			x	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?			x	
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			x	
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure with continuous calibration. Data is usable except for rejected values.

Calculation Spot Check

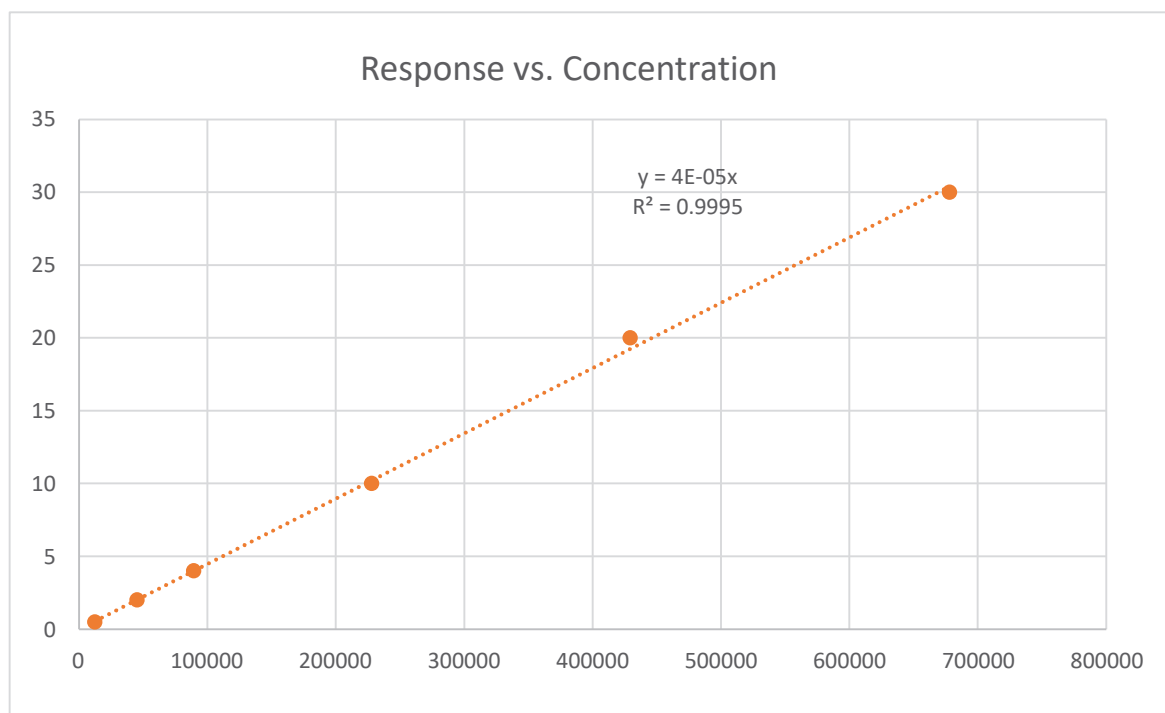
Instrument: CHEM17

ICV Date and time : 07/26/24 22:42

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.658	12151	0.5
L2	0.658	45251	2
L3	0.663	89206	4
L4	0.687	227911	10
L5	0.663	429256	20
L6	0.733	677843	30
average	0.677		
RSD	4.4		



7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR46087

Instrument: CHEM17 Calibration Date: 08/23/24 Time: 11:29

Lab File Id: 0823_06.D Init. Calib. Date(s): 07/26/24 07/27/24

Heated Purge (Y/N): N Init. Calib. Times: 23:42 01:48

GC Column: RTX-VMS Method File: VT-072624P.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	312116	305776	n.a.	98.0	50-200
1,4-Difluorobenzene (IS Area/Area%)	454937	428496	n.a.	94.2	50-200
Chlorobenzene-d5 (IS Area/Area%)	445322	397181	n.a.	89.2	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	205529	207135	n.a.	100.8	50-200
1,4-Dioxane d8 (IS Area/Area%)	16581	14866	n.a.	89.7	n.a.
Dichlorodifluoromethane	0.700	0.762	0.010	-8.9	20 (60)
Chloromethane	0.677	0.559	0.010	17.4	20 (60)
Vinyl Chloride	0.660	0.571	0.010	13.5	20 (40)
Bromomethane	0.303	0.253	0.010	16.5	20 (60)
Chloroethane	0.340	0.290	0.010	14.7	20 (40)
Trichlorofluoromethane	0.808	0.970	0.010	-20.0 +	20 (40)
1,1-Dichloroethene	0.486	0.447	0.060	8.0	20 (40)
Trichlorotrifluoroethane	0.372	0.406	0.050	-9.1	20 (40)
Carbon Disulfide	1.246	1.083	0.100	13.1	20 (40)
Methylene Chloride	0.429	0.362	0.010	15.6	20 (40)
Acetone	0.032	0.029	0.010	9.4	20 (60)
Trans-1,2-Dichloroethene	0.518	0.465	0.100	10.2	20 (40)
Methyl t-Butyl Ether (MTBE)	0.548	0.516	0.100	5.8	20 (40)
1,1-Dichloroethane	0.904	0.817	0.300	9.6	20 (40)
Acrylonitrile	0.043	0.035	* 0.050	18.6	20 (40)
Cis-1,2-Dichloroethene	0.514	0.446	0.200	13.2	20 (40)
2,2-Dichloropropane	0.736	0.809	0.050	-9.9	20 (40)
Bromochloromethane	0.151	0.142	0.100	6.0	20 (40)
Chloroform	0.828	0.823	0.300	0.6	20 (40)
Carbon Tetrachloride	0.592	0.676	0.100	-14.2	20 (40)
Tetrahydrofuran (THF)	0.031	0.022	* 0.050	29.0 +	20 (40)
1,1,1-Trichloroethane	0.753	0.815	0.050	-8.2	20 (40)
Methyl Ethyl Ketone	0.047	0.040	0.010	14.9	20 (60)
1,1-Dichloropropene	0.462	0.475	0.050	-2.8	20 (40)
Benzene	1.309	1.204	0.200	8.0	20 (40)
1,2-Dichloroethane	0.229	0.267	0.070	-16.6	20 (40)
Trichloroethene	0.342	0.343	0.200	-0.3	20 (40)
Dibromomethane	0.095	0.096	0.050	-1.1	20 (40)
1,2-dichloropropane	0.274	0.245	0.200	10.6	20 (40)
Bromodichloromethane	0.283	0.303	0.300	-7.1	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR46087

Instrument: CHEM17 Calibration Date: 08/23/24 Time: 11:29

Lab File Id: 0823_06.D Init. Calib. Date(s): 07/26/24 07/27/24

Heated Purge (Y/N): N Init. Calib. Times: 23:42 01:48

GC Column: RTX-VMS Method File: VT-072624P.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.371	0.333	0.300	10.2	20 (40)
Toluene	0.920	0.786	0.300	14.6	20 (40)
4-Methyl-2-Pentanone	0.079	0.074	0.030	6.3	20 (60)
Tetrachloroethene	0.305	0.341	0.100	-11.8	20 (40)
trans-1,3-Dichloropropene	0.240	0.256	* 0.300	-6.7	20 (40)
1,1,2-Trichloroethane	0.151	0.146	* 0.200	3.3	20 (40)
Dibromochloromethane	0.164	0.181	* 0.200	-10.4	20 (40)
1,3-Dichloropropane	0.271	0.267	0.050	1.5	20 (40)
1,2-Dibromoethane	0.154	0.163	* 0.200	-5.8	20 (40)
2-Hexanone	0.052	0.045	0.010	13.5	20 (60)
Chlorobenzene	0.940	0.965	0.400	-2.7	20 (40)
Ethylbenzene	0.602	0.609	0.400	-1.2	20 (40)
1,1,1,2-Tetrachloroethane	0.260	0.284	0.050	-9.2	20 (40)
m&p-Xylene	0.703	0.724	0.200	-3.0	20 (40)
o-Xylene	0.678	0.705	0.200	-4.0	20 (40)
Styrene	0.950	1.004	0.200	-5.7	20 (40)
Bromoform	0.066	0.073	* 0.100	-10.6	20 (40)
Isopropylbenzene	1.025	1.010	0.400	1.5	20 (40)
Bromobenzene	0.688	0.704	0.050	-2.3	20 (40)
n-Propylbenzene	1.046	1.040	0.050	0.6	20 (40)
1,1,2,2-Tetrachloroethane	0.301	0.263	0.200	12.6	20 (40)
2-Chlorotoluene	0.834	0.822	0.050	1.4	20 (40)
1,3,5-Trimethylbenzene	3.076	3.160	0.050	-2.7	20 (40)
1,2,3-Trichloropropane	0.220	0.216	0.050	1.8	20 (40)
trans-1,4-Dichloro-2-butene	0.067	0.060	0.050	10.4	20 (40)
4-Chlorotoluene	0.827	0.809	0.050	2.2	20 (40)
tert-Butylbenzene	2.629	2.732	0.050	-3.9	20 (40)
1,2,4-Trimethylbenzene	3.045	3.072	0.050	-0.9	20 (40)
sec-Butylbenzene	4.053	4.058	0.050	-0.1	20 (40)
p-Isopropyltoluene	3.289	3.379	0.050	-2.7	20 (40)
1,3-Dichlorobenzene	1.404	1.403	0.500	0.1	20 (40)
1,4-Dichlorobenzene	1.277	1.307	0.600	-2.3	20 (40)
2-Isopropyltoluene	3.000	3.027	0.050	-0.9	20 (40)
n-Butylbenzene	2.837	2.868	0.050	-1.1	20 (40)
1,2-Dichlorobenzene	1.070	1.079	0.600	-0.8	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:		SAS No.:	SDG No.: GCR46087
Instrument:	CHEM17		Calibration Date:	08/23/24	Time: 11:29
Lab File Id:	0823_06.D		Init. Calib. Date(s):	07/26/24	07/27/24
Heated Purge (Y/N):	N		Init. Calib. Times:	23:42	01:48
GC Column:	RTX-VMS		Method File: VT-072624P.M		

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (%) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(li) linear (li2) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

EQUIPMENT BLANK 2

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR46087 Lab Sample ID: CR46087

Sample wt/vol: 25 (g/mL) mL Lab File ID: 0823_12.D

Level: (low/med/meth): Low Date Received: 08/21/24

% Moisture: n.a. Date Analyzed: 08/23/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	1.0	U	0.25	1.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	1.0	U	0.25	1.0	r
75-00-3	Chloroethane	1.0	U	0.25	1.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	5.0	U	0.25	5.0	r
75-09-2	Methylene Chloride	1.0	U	1.0	1.0	r
67-64-1	Acetone	25	U	2.5	25	r
156-60-5	Trans-1,2-Dichloroethene	1.0	U	0.25	1.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	1.0	U	0.25	1.0	r
107-13-1	Acrylonitrile	1.0	U	R 0.25	1.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	1.0	U	0.25	1.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	2.5	U	R 2.5	2.5	r
71-55-6	1,1,1-Trichloroethane	1.0	U	0.25	1.0	r
78-93-3	Methyl Ethyl Ketone	5.0	U	R 2.5	5.0	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.25	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	0.50	U	0.25	0.50	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	5.0	U	2.5	5.0	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

EQUIPMENT BLANK 2

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR46087 Lab Sample ID: CR46087

Sample wt/vol: 25 (g/mL) mL Lab File ID: 0823_12.D

Level: (low/med/meth): Low Date Received: 08/21/24

% Moisture: n.a. Date Analyzed: 08/23/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	0.50	U	0.25	0.50	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	5.0	U R	2.5	5.0	r
108-90-7	Chlorobenzene	1.0	U	0.25	1.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	1.0	U	0.25	1.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.25	0.50	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	2.5	5.0	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U R	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.40	U	0.25	0.40	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E

Lab Job ID: GCR46087

Lab ID	Field ID	Collection Date	Matrix
CR46088	SB-3/MW-3 9.5'-11'	8/21/2024	Soil
CR46089	SB-3/MW-3 14-15'	8/21/2024	Soil
CR46090	SB-3/MW-3 18-20'	8/21/2024	Soil
CR46092	SB-4/MW-4 7-8'	8/21/2024	Soil
CR46093	SB-4/MW-4 10-11.5'	8/21/2024	Soil
CR46094	SB-4/MW-4 14-15'	8/21/2024	Soil
CR46095	SB-5/MW-5 6.5-8'	8/21/2024	Soil
CR46096	SB-5/MW-5 9-10'	8/21/2024	Soil
CR46097	SB-5/MW-5 14-15'	8/21/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Within ICV of instrument CHEM19 compound Hexachlorocyclopentadiene was not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
- Several analytes did not meet %D criteria which led to qualification within all samples associated with CCVs led to qualification of non-detect estimate "UJ" values within all samples. 2,4-Dinitrophenol failed minimum RRF which led to qualification of reject "R" value in all samples.
- Hexachlorocyclopentadiene was not within acceptable recovery within matrix spike but was qualified as reject by laboratory control sample, no further qualification needed. 2,4-Dinitrophenol recovered above QC limits of RPD but was not detected with sample, no further qualification needed.
- Hexachlorocyclopentadiene is qualified as rejected "R" values within samples due to recovery below laboratory limits within laboratory control sample duplicate CR46087 LCSD.

Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR46987



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM19 compound Hexachlorobenzene was not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Several analytes did not meet %D criteria which led to qualification within all samples associated with CCVs led to qualification of non-detect estimate "UJ" values within all samples. 2,4-Dinitrophenol failed minimum RRF which led to qualification of reject "R" value in all samples. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				SB-5/MW-5 14-15` MS/MSD
Were MS and MSD analyzed for SDG?	x			Hexachlorocyclopentadiene was not within acceptable recovery within matrix spike but was qualified as reject by laboratory control sample, no further qualification needed. 2,4-Dinitrophenol recovered above QC limits of RPD but was not detected with sample, no further qualification needed.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Hexachlorocyclopentadiene is qualified as rejected "R" values within samples due to recovery below laboratory limits within laboratory control sample duplicate CR46087 LCSD. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure within continuous calibrations and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

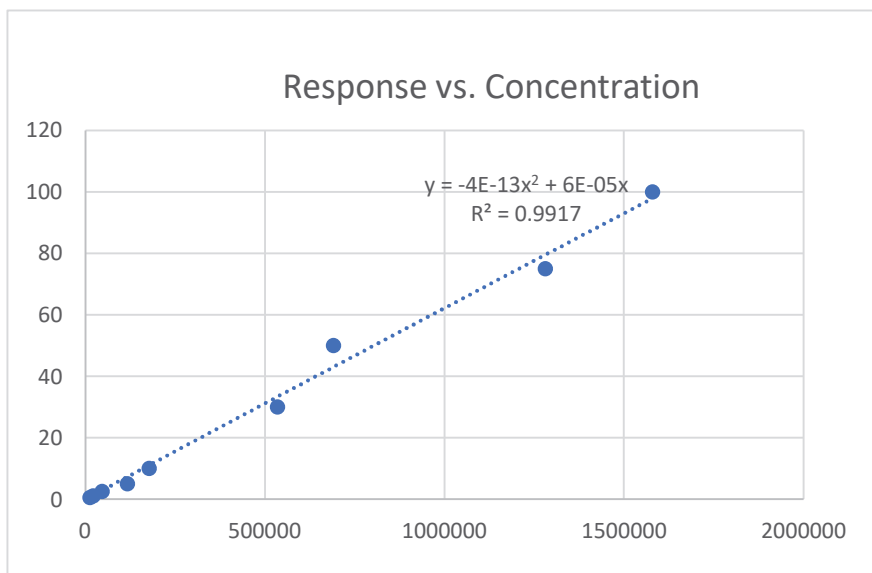
Instrument CHEM19

ICV Date and Time: 07/30/24 22:11

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	2.225	11529	0.5
L2	1.900	20083	1
L3	1.815	45343	2.5
L4	1.823	116113	5
L5	1.836	176844	10
L6	1.808	534317	30
L7	1.795	690038	50
L8	1.788	1280324	75
L9	1.736	1579334	100
average	1.858		
RSD	7.8		



7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR46087

Instrument: CHEM19 Calibration Date: 08/22/24 Time: 21:19

Lab File Id: 0822_07.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND		RRF	RRF30	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4	(IS Areas & Pct)	394041	528051	n.a.	134.0	50-200
Naphthalene-d8	(IS Areas & Pct)	1656446	2117603	n.a.	127.8	50-200
Acenaphthene-d10	(IS Areas & Pct)	829627	1051626	n.a.	126.8	50-200
Phenanthrene-d10	(IS Areas & Pct)	1497999	1850071	n.a.	123.5	50-200
Chrysene-d12	(IS Areas & Pct)	1283246	1523900	n.a.	118.8	50-200
Perylene-d12	(IS Areas & Pct)	1327282	1542700	n.a.	116.2	50-200
N-Nitrosodimethylamine		1.035	0.892	0.010	13.8	20 (40)
Pyridine		1.816	1.573	0.010	13.4	20 (40)
Phenol		1.858	1.565	0.800	15.8	20 (40)
Bis(2-chloroethyl)ether		1.230	0.920	0.700	25.2 +	20 (40)
Aniline		2.271	2.007	0.010	11.6	20 (40)
2-Chlorophenol		1.464	1.356	0.800	7.4	20 (40)
1,3-Dichlorobenzene		1.627	1.502	0.010	7.7	20 (40)
1,4-Dichlorobenzene		1.635	1.497	0.010	8.4	20 (40)
1,2-Dichlorobenzene		1.553	1.443	0.010	7.1	20 (40)
2-Methylphenol (o-cresol)		1.190	1.023	0.700	14.0	20 (40)
Bis(2-chloroisopropyl)ether		2.701	1.737	0.010	35.7 +	20 (40)
N-Nitrosodi-n-propylamine		1.099	0.908	0.500	17.4	20 (40)
3&4-Methylphenol (m&p-cresol)		1.370	1.155	0.600	15.7	20 (40)
Acetophenone		2.085	1.784	0.010	14.4	20 (40)
Hexachloroethane		0.646	0.565	0.300	12.5	20 (40)
Nitrobenzene		1.621	1.311	0.200	19.1	20 (40)
Isophorone		0.694	0.599	0.400	13.7	20 (40)
2-Nitrophenol	qi	30	24.61		18.0	20
2,4-Dimethylphenol	qi	30	29.32		2.3	20
Bis(2-chloroethoxy)methane		0.406	0.363	0.300	10.6	20 (40)
Benzoic Acid	qi	30	28.56		4.8	20
2,4-Dichlorophenol		0.271	0.256	0.200	5.5	20 (40)
1,2,4-Trichlorobenzene		0.286	0.282	0.010	1.4	20 (40)
Naphthalene		1.041	0.965	0.700	7.3	20 (40)
4-Chloroaniline		0.133	0.117	0.010	12.0	20 (40)
Hexachlorobutadiene		0.135	0.137	0.010	-1.5	20 (40)
4-Chloro-3-methylphenol		0.297	0.272	0.200	8.4	20 (40)
2-Methylnaphthalene		0.674	0.634	0.400	5.9	20 (40)
Hexachlorocyclopentadiene		0.162	0.114	0.050	29.6 +	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR46087

Instrument: CHEM19 Calibration Date: 08/22/24 Time: 21:19

Lab File Id: 0822_07.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.295	0.287	0.010	2.7	20 (40)
2,4,6-Trichlorophenol	0.359	0.344	0.200	4.2	20 (40)
2,4,5-Trichlorophenol	0.395	0.375	0.200	5.1	20 (40)
2-Chloronaphthalene	1.184	1.177	0.800	0.6	20 (40)
4-Nitroaniline	0.447	0.374	0.010	16.3	20 (40)
Dimethylphthalate	1.336	1.324	0.010	0.9	20 (40)
2,6-Dinitrotoluene	0.296	0.300	0.200	-1.4	20 (40)
Acenaphthylene	2.043	2.011	0.900	1.6	20 (40)
3-Nitroaniline qi	30	26.03		13.2	20
Acenaphthene	1.191	1.094	0.900	8.1	20 (40)
2,4-Dinitrophenol qi	30	25.08		16.4	20
Dibenzofuran	1.690	1.632	0.800	3.4	20 (40)
2,4-Dinitrotoluene qi	30	29.77		0.8	20
4-Nitrophenol qi	30	18.14		39.5 #	20
Diethyl phthalate	1.329	1.260	0.010	5.2	20 (40)
Fluorene	1.399	1.368	0.900	2.2	20 (40)
4-Chlorophenyl phenyl ether	0.627	0.631	0.400	-0.6	20 (40)
2-Nitroaniline qi	30	21.09		29.7 #	20
4,6-Dinitro-2-methylphenol qi	30	28.71		4.3	20
N-Nitrosodiphenylamine	0.996	0.958	0.010	3.8	20 (40)
Azobenzene	1.619	1.337	0.010	17.4	20 (40)
4-Bromophenyl phenyl ether	0.185	0.200	0.100	-8.1	20 (40)
Hexachlorobenzene	0.094	0.080	* 0.100	14.9	20 (40)
Pentachlorophenol qi	30	24.28		19.1	20
Pentachloronitrobenzene	0.064	0.060	0.010	6.3	20 (40)
Phenanthrene	1.113	1.079	0.700	3.1	20 (40)
Anthracene	1.127	1.114	0.700	1.2	20 (40)
Carbazole	1.089	1.025	0.010	5.9	20 (40)
Di-n-butylphthalate	1.271	1.274	0.010	-0.2	20 (40)
Fluoranthene	1.195	1.163	0.600	2.7	20 (40)
Pyrene	1.259	1.208	0.600	4.1	20 (40)
Benzyl butyl phthalate qi	30	28.69		4.4	20
Bis(2-ethylhexyl)phthalate qi	30	28.48		5.1	20
Benz(a)anthracene	1.285	1.244	0.800	3.2	20 (40)
Chrysene	1.252	1.223	0.700	2.3	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment: Qualification of several analytes of non-detect estimate "UJ" values within all samples is due to %D results above laboratory limit. 2,4-Dinitrophenol failed minimum RRF which led to qualification of reject "R" value in all samples.

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR46087

Instrument: CHEM19 Calibration Date: 08/23/24 Time: 07:16

Lab File Id: 0822_32.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
N-Nitrosodimethylamine	1.035	0.792	0.010	23.5	50
Pyridine	1.816	1.394	0.010	23.2	50
Phenol	1.858	1.806	0.010	2.8	50
Bis(2-chloroethyl)ether	1.230	0.999	0.010	18.8	50
Aniline	2.271	2.044	0.010	10.0	50
2-Chlorophenol	1.464	1.362	0.010	7.0	50
1,3-Dichlorobenzene	1.627	1.514	0.010	6.9	50
1,4-Dichlorobenzene	1.635	1.532	0.010	6.3	50
1,2-Dichlorobenzene	1.553	1.451	0.010	6.6	50
2-Methylphenol (o-cresol)	1.190	1.088	0.010	8.6	50
Bis(2-chloroisopropyl)ether	2.701	1.970	0.010	27.1	50
N-Nitrosodi-n-propylamine	1.099	0.980	0.010	10.8	50
3&4-Methylphenol (m&p-cresol)	1.370	1.321	0.010	3.6	50
Acetophenone	2.085	1.906	0.010	8.6	50
Hexachloroethane	0.646	0.466	0.010	27.9	50
Nitrobenzene	1.621	1.400	0.010	13.6	50
Isophorone	0.694	0.621	0.010	10.5	50
2-Nitrophenol qi	30	22.00		26.7 #	20
2,4-Dimethylphenol qi	30	30.89		-3.0	20
Bis(2-chloroethoxy)methane	0.406	0.381	0.010	6.2	50
Benzoic Acid qi	30	36.30		-21.0 #	20
2,4-Dichlorophenol	0.271	0.269	0.010	0.7	50
1,2,4-Trichlorobenzene	0.286	0.288	0.010	-0.7	50
Naphthalene	1.041	1.001	0.010	3.8	50
4-Chloroaniline	0.133	0.127	0.010	4.5	50
Hexachlorobutadiene	0.135	0.140	0.010	-3.7	50
4-Chloro-3-methylphenol	0.297	0.287	0.010	3.4	50
2-Methylnaphthalene	0.674	0.648	0.010	3.9	50
Hexachlorocyclopentadiene	0.162	0.022	0.010	86.4 #	50
1,2,4,5-Tetrachlorobenzene	0.295	0.297	0.010	-0.7	50
2,4,6-Trichlorophenol	0.359	0.361	0.010	-0.6	50
2,4,5-Trichlorophenol	0.395	0.395	0.010	0.0	50
2-Chloronaphthalene	1.184	1.168	0.010	1.4	50
4-Nitroaniline	0.447	0.377	0.010	15.7	50
Dimethylphthalate	1.336	1.326	0.010	0.7	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR46087

Instrument: CHEM19 Calibration Date: 08/23/24 Time: 07:16

Lab File Id: 0822_32.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.296	0.283	0.010	4.4	50
Acenaphthylene	2.043	1.976	0.010	3.3	50
3-Nitroaniline qi	30	33.73		-12.4	20
Acenaphthene	1.191	1.090	0.010	8.5	50
2,4-Dinitrophenol qi	30	1.99		93.4 #	20
Dibenzofuran	1.690	1.652	0.010	2.2	50
2,4-Dinitrotoluene qi	30	28.26		5.8	20
4-Nitrophenol qi	30	24.17		19.4	20
Diethyl phthalate	1.329	1.301	0.010	2.1	50
Fluorene	1.399	1.397	0.010	0.1	50
4-Chlorophenyl phenyl ether	0.627	0.642	0.010	-2.4	50
2-Nitroaniline qi	30	37.90		-26.3 #	20
4,6-Dinitro-2-methylphenol qi	30	2.72		90.9 #	20
N-Nitrosodiphenylamine	0.996	1.014	0.010	-1.8	50
Azobenzene	1.619	1.364	0.010	15.8	50
4-Bromophenyl phenyl ether	0.185	0.198	0.010	-7.0	50
Hexachlorobenzene	0.094	0.085	0.010	9.6	50
Pentachlorophenol qi	30	33.25		-10.8	20
Pentachloronitrobenzene	0.064	0.059	0.010	7.8	50
Phenanthrene	1.113	1.091	0.010	2.0	50
Anthracene	1.127	1.137	0.010	-0.9	50
Carbazole	1.089	1.055	0.010	3.1	50
Di-n-butylphthalate	1.271	1.309	0.010	-3.0	50
Fluoranthene	1.195	1.157	0.010	3.2	50
Pyrene	1.259	1.209	0.010	4.0	50
Benzyl butyl phthalate qi	30	31.01		-3.4	20
Bis(2-ethylhexyl)phthalate qi	30	30.78		-2.6	20
Benz(a)anthracene	1.285	1.244	0.010	3.2	50
Chrysene	1.252	1.200	0.010	4.2	50
Di-n-octylphthalate qi	30	31.25		-4.2	20
3,3'-dichlorobenzidine qi	30	16.19		46.0 #	20
Benzo(b)fluoranthene	1.243	1.241	0.010	0.2	50
Benzo(k)fluoranthene	1.241	1.242	0.010	-0.1	50
Benzo(a)pyrene	1.115	1.111	0.010	0.4	50
Indeno(1,2,3-cd)pyrene	1.243	0.996	0.010	19.9	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

3D
SOIL SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR46087

LCS Spike - Client Id: CR46097 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.		
Bis(2-chloroethoxy)methane	3333	0.0	1776	53	30	130	
Benzoic Acid	3333	0.0	2296	69	30	130	
2,4-Dichlorophenol	3333	0.0	1968	59	30	130	
1,2,4-Trichlorobenzene	3333	0.0	1858	56	30	130	
Naphthalene	3333	0.0	1706	51	30	130	
4-Chloroaniline	3333	0.0	1719	52	30	130	
Hexachlorobutadiene	3333	0.0	1900	57	30	130	
4-Chloro-3-methylphenol	3333	0.0	2026	61	30	130	
2-Methylnaphthalene	3333	0.0	1841	55	30	130	
Hexachlorocyclopentadiene	3333	0.0	1108	33	30	130	
1,2,4,5-Tetrachlorobenzene	3333	0.0	1778	53	30	130	
2,4,6-Trichlorophenol	3333	0.0	2009	60	30	130	
2,4,5-Trichlorophenol	3333	0.0	1958	59	30	130	
2-Chloronaphthalene	3333	0.0	1886	57	30	130	
4-Nitroaniline	3333	0.0	1740	52	30	130	
Dimethylphthalate	3333	0.0	2037	61	30	130	
2,6-Dinitrotoluene	3333	0.0	2120	64	30	130	
Acenaphthylene	3333	0.0	1635	49	30	130	
3-Nitroaniline	3333	0.0	2313	69	30	130	
COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Bis(2-chloroethoxy)methane	3333	1824	55	3.7		30	130
Benzoic Acid	3333	2181	65	6.0		30	130
2,4-Dichlorophenol	3333	2086	63	6.6		30	130
1,2,4-Trichlorobenzene	3333	1823	55	1.8		30	130
Naphthalene	3333	1707	51	0.0		30	130
4-Chloroaniline	3333	1807	54	3.8		30	130
Hexachlorobutadiene	3333	1844	55	3.6		30	130
4-Chloro-3-methylphenol	3333	2157	65	6.3		30	130
2-Methylnaphthalene	3333	1903	57	3.6		30	130
Hexachlorocyclopentadiene	3333	881.5	26 *	23.7		30	130
1,2,4,5-Tetrachlorobenzene	3333	1843	55	3.7		30	130
2,4,6-Trichlorophenol	3333	2072	62	3.3		30	130
2,4,5-Trichlorophenol	3333	2086	63	6.6		30	130
2-Chloronaphthalene	3333	1955	59	3.4		30	130
4-Nitroaniline	3333	1803	54	3.8		30	130
Dimethylphthalate	3333	2107	63	3.2		30	130
2,6-Dinitrotoluene	3333	2249	67	4.6		30	130
Acenaphthylene	3333	1692	51	4.0		30	130
3-Nitroaniline	3333	2406	72	4.3		30	130

FORM III SV

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-3/MW-3 9.5'-11'
SDG No.:	GCR46087	Lab Sample ID:	CR46088	
Sample wt/vol:	15.16 (g/mL)	g	Lab File ID:	0822_17.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	23		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	430	U	120	430	r
110-86-1	Pyridine	430	U	110	430	r
108-95-2	Phenol	300	U	140	300	r
111-44-4	Bis(2-chloroethyl)ether	430	UJ	120	430	r
62-53-3	Aniline	430	U	170	430	r
95-57-8	2-Chlorophenol	300	U	120	300	r
541-73-1	1,3-Dichlorobenzene	300	U	130	300	r
106-46-7	1,4-Dichlorobenzene	300	U	130	300	r
95-50-1	1,2-Dichlorobenzene	300	U	120	300	r
95-48-7	2-Methylphenol (o-cresol)	300	U	170	300	r
108-60-1	Bis(2-chloroisopropyl)ether	300	UJ	120	300	r
621-64-7	N-Nitrosodi-n-propylamine	300	U	140	300	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	430	U	170	430	r
98-86-2	Acetophenone	300	U	130	300	r
67-72-1	Hexachloroethane	300	U	130	300	r
98-95-3	Nitrobenzene	300	U	150	300	r
78-59-1	Isophorone	300	U	120	300	r
88-75-5	2-Nitrophenol	300	UJ	170	300	r
105-67-9	2,4-Dimethylphenol	300	U	110	300	r
111-91-1	Bis(2-chloroethoxy)methane	300	U	120	300	r
65-85-0	Benzoic Acid	860	UJ	170	860	r
120-83-2	2,4-Dichlorophenol	300	U	150	300	r
120-82-1	1,2,4-Trichlorobenzene	300	U	130	300	r
91-20-3	Naphthalene	300	U	120	300	r
106-47-8	4-Chloroaniline	300	U	170	300	r
87-68-3	Hexachlorobutadiene	300	U	160	300	r
59-50-7	4-Chloro-3-methylphenol	300	U	150	300	r
91-57-6	2-Methylnaphthalene	300	U	130	300	r
77-47-4	Hexachlorocyclopentadiene	300	U R	130	300	r
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	100	300	r
88-06-2	2,4,6-Trichlorophenol	300	U	140	300	r
95-95-4	2,4,5-Trichlorophenol	300	U	110	300	r
91-58-7	2-Chloronaphthalene	300	U	120	300	r
100-01-6	4-Nitroaniline	690	U	140	690	r
131-11-3	Dimethylphthalate	300	U	130	300	r
606-20-2	2,6-Dinitrotoluene	300	U	140	300	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-3/MW-3 9.5'-11'
SDG No.:	GCR46087	Lab Sample ID:	CR46088	
Sample wt/vol:	15.16 (g/mL)	g	Lab File ID:	0822_17.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	23		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	300	U	120	300	r
99-09-2	3-Nitroaniline	430	U	170	430	r
83-32-9	Acenaphthene	300	U	130	300	r
51-28-5	2,4-Dinitrophenol	430	U R	210	430	r
132-64-9	Dibenzofuran	300	U	130	300	r
121-14-2	2,4-Dinitrotoluene	300	U	170	300	r
100-02-7	4-Nitrophenol	300	U J	86	300	r
84-66-2	Diethyl phthalate	300	U	140	300	r
86-73-7	Fluorene	300	U	140	300	r
7005-72-3	4-Chlorophenyl phenyl ether	300	U	140	300	r
88-74-4	2-Nitroaniline	430	U J	170	430	r
534-52-1	4,6-Dinitro-2-methylphenol	430	U J	170	430	r
86-30-6	N-Nitrosodiphenylamine	430	U	160	430	r
122-66-7	Azobenzene	430	U	170	430	r
101-55-3	4-Bromophenyl phenyl ether	430	U	130	430	r
118-74-1	Hexachlorobenzene	300	U	130	300	r
87-86-5	Pentachlorophenol	430	U	160	430	r
82-68-8	Pentachloronitrobenzene	430	U	130	430	r
85-01-8	Phenanthrene	300	U	120	300	r
120-12-7	Anthracene	300	U	140	300	r
86-74-8	Carbazole	430	U	170	430	r
84-74-2	Di-n-butylphthalate	430	U	170	430	r
206-44-0	Fluoranthene	300	U	140	300	r
92-87-5	Benzidine	300	U	170	300	r
129-00-0	Pyrene	300	U	150	300	r
85-68-7	Benzyl butyl phthalate	300	U	110	300	r
117-81-7	Bis(2-ethylhexyl)phthalate	430	U	120	430	r
56-55-3	Benz(a)anthracene	300	U	140	300	r
218-01-9	Chrysene	300	U	140	300	r
117-84-0	Di-n-octylphthalate	300	U	110	300	r
91-94-1	3,3'-dichlorobenzidine	300	U J	200	300	r
205-99-2	Benzo(b)fluoranthene	300	U	150	300	r
207-08-9	Benzo(k)fluoranthene	300	U	140	300	r
50-32-8	Benzo(a)pyrene	300	U	140	300	r
193-39-5	Indeno(1,2,3-cd)pyrene	300	U	140	300	r
53-70-3	Dibenz(a,h)anthracene	300	U	140	300	r

FORM I SV

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1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-3/MW-3 14-15`
SDG No.:	GCR46087	Lab Sample ID:	CR46089	
Sample wt/vol:	15.17 (g/mL) g	Lab File ID:	0822_18.D	
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/21/24	
% Moisture:	23	Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	430	U	120	430	r
110-86-1	Pyridine	430	U	110	430	r
108-95-2	Phenol	300	U	140	300	r
111-44-4	Bis(2-chloroethyl)ether	430	UJ	120	430	r
62-53-3	Aniline	430	U	170	430	r
95-57-8	2-Chlorophenol	300	U	120	300	r
541-73-1	1,3-Dichlorobenzene	300	U	130	300	r
106-46-7	1,4-Dichlorobenzene	300	U	130	300	r
95-50-1	1,2-Dichlorobenzene	300	U	120	300	r
95-48-7	2-Methylphenol (o-cresol)	300	U	170	300	r
108-60-1	Bis(2-chloroisopropyl)ether	300	UJ	120	300	r
621-64-7	N-Nitrosodi-n-propylamine	300	U	140	300	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	430	U	170	430	r
98-86-2	Acetophenone	300	U	130	300	r
67-72-1	Hexachloroethane	300	U	130	300	r
98-95-3	Nitrobenzene	300	U	150	300	r
78-59-1	Isophorone	300	U	120	300	r
88-75-5	2-Nitrophenol	300	UJ	170	300	r
105-67-9	2,4-Dimethylphenol	300	U	110	300	r
111-91-1	Bis(2-chloroethoxy)methane	300	U	120	300	r
65-85-0	Benzoic Acid	860	UJ	170	860	r
120-83-2	2,4-Dichlorophenol	300	U	150	300	r
120-82-1	1,2,4-Trichlorobenzene	300	U	130	300	r
91-20-3	Naphthalene	300	U	120	300	r
106-47-8	4-Chloroaniline	300	U	170	300	r
87-68-3	Hexachlorobutadiene	300	U	150	300	r
59-50-7	4-Chloro-3-methylphenol	300	U	150	300	r
91-57-6	2-Methylnaphthalene	300	U	130	300	r
77-47-4	Hexachlorocyclopentadiene	300	U R	130	300	r
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	100	300	r
88-06-2	2,4,6-Trichlorophenol	300	U	140	300	r
95-95-4	2,4,5-Trichlorophenol	300	U	110	300	r
91-58-7	2-Chloronaphthalene	300	U	120	300	r
100-01-6	4-Nitroaniline	680	U	140	680	r
131-11-3	Dimethylphthalate	300	U	130	300	r
606-20-2	2,6-Dinitrotoluene	300	U	140	300	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-3/MW-3 14-15`
SDG No.:	GCR46087	Lab Sample ID:	CR46089	
Sample wt/vol:	15.17 (g/mL)	g	Lab File ID:	0822_18.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	23		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol. 1.0 (uL)	Date Analyzed:	08/23/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	300	U	120	300	r
99-09-2	3-Nitroaniline	430	U	170	430	r
83-32-9	Acenaphthene	300	U	130	300	r
51-28-5	2,4-Dinitrophenol	430	U R	210	430	r
132-64-9	Dibenzofuran	300	U	120	300	r
121-14-2	2,4-Dinitrotoluene	300	U	170	300	r
100-02-7	4-Nitrophenol	300	UJ	86	300	r
84-66-2	Diethyl phthalate	300	U	140	300	r
86-73-7	Fluorene	300	U	140	300	r
7005-72-3	4-Chlorophenyl phenyl ether	300	U	140	300	r
88-74-4	2-Nitroaniline	430	UJ	170	430	r
534-52-1	4,6-Dinitro-2-methylphenol	430	UJ	170	430	r
86-30-6	N-Nitrosodiphenylamine	430	U	160	430	r
122-66-7	Azobenzene	430	U	170	430	r
101-55-3	4-Bromophenyl phenyl ether	430	U	130	430	r
118-74-1	Hexachlorobenzene	300	U	120	300	r
87-86-5	Pentachlorophenol	430	U	160	430	r
82-68-8	Pentachloronitrobenzene	430	U	130	430	r
85-01-8	Phenanthrene	300	U	120	300	r
120-12-7	Anthracene	300	U	140	300	r
86-74-8	Carbazole	430	U	170	430	r
84-74-2	Di-n-butylphthalate	430	U	170	430	r
206-44-0	Fluoranthene	300	U	140	300	r
92-87-5	Benzidine	300	U	170	300	r
129-00-0	Pyrene	300	U	150	300	r
85-68-7	Benzyl butyl phthalate	300	U	110	300	r
117-81-7	Bis(2-ethylhexyl)phthalate	430	U	120	430	r
56-55-3	Benz(a)anthracene	300	U	140	300	r
218-01-9	Chrysene	300	U	140	300	r
117-84-0	Di-n-octylphthalate	300	U	110	300	r
91-94-1	3,3'-dichlorobenzidine	300	UJ	200	300	r
205-99-2	Benzo(b)fluoranthene	300	U	150	300	r
207-08-9	Benzo(k)fluoranthene	300	U	140	300	r
50-32-8	Benzo(a)pyrene	300	U	140	300	r
193-39-5	Indeno(1,2,3-cd)pyrene	300	U	140	300	r
53-70-3	Dibenz(a,h)anthracene	300	U	140	300	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-3/MW-3 18-20`
SDG No.:	GCR46087	Lab Sample ID:	CR46090	
Sample wt/vol:	15.02 (g/mL)	g	Lab File ID:	0822_19.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	14		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol. 1.0 (uL)	Date Analyzed:	08/23/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	95	390	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	390	UJ	100	390	r
62-53-3	Aniline	390	U	150	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	150	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	UJ	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	UJ	150	270	r
105-67-9	2,4-Dimethylphenol	270	U	96	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	770	UJ	150	770	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	150	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	U R	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	93	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	620	U	130	620	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-3/MW-3 18-20`
SDG No.:	GCR46087	Lab Sample ID:	CR46090	
Sample wt/vol:	15.02 (g/mL)	g	Lab File ID:	0822_19.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	14		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	150	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	U R	190	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	UJ	77	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	UJ	150	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	UJ	150	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	150	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	110	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	150	390	r
84-74-2	Di-n-butylphthalate	390	U	150	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	150	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	UJ	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-4/MW-4 7-8`
SDG No.:	GCR46087	Lab Sample ID:	CR46092	
Sample wt/vol:	15.05 (g/mL)	g	Lab File ID:	0822_20.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	17		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U	98	400	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	UJ	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	UJ	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	UJ	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	99	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	800	UJ	160	800	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	120	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	96	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	640	U	130	640	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-4/MW-4 7-8`
SDG No.:	GCR46087	Lab Sample ID:	CR46092	
Sample wt/vol:	15.05 (g/mL) g	Lab File ID:	0822_20.D	
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/21/24	
% Moisture:	17	Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	U	200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U	80	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	400	U	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	U	160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	150	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	120	400	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-4/MW-4 10-11.5'
SDG No.:	GCR46087	Lab Sample ID:	CR46093	
Sample wt/vol:	15.09 (g/mL)	g	Lab File ID:	0822_21.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	24		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol. 1.0 (uL)	Date Analyzed:	08/23/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	440	U	120	440	r
110-86-1	Pyridine	440	U	110	440	r
108-95-2	Phenol	310	U	140	310	r
111-44-4	Bis(2-chloroethyl)ether	440	UJ	120	440	r
62-53-3	Aniline	440	U	170	440	r
95-57-8	2-Chlorophenol	310	U	120	310	r
541-73-1	1,3-Dichlorobenzene	310	U	130	310	r
106-46-7	1,4-Dichlorobenzene	310	U	130	310	r
95-50-1	1,2-Dichlorobenzene	310	U	120	310	r
95-48-7	2-Methylphenol (o-cresol)	310	U	170	310	r
108-60-1	Bis(2-chloroisopropyl)ether	310	UJ	120	310	r
621-64-7	N-Nitrosodi-n-propylamine	310	U	140	310	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	440	U	170	440	r
98-86-2	Acetophenone	310	U	140	310	r
67-72-1	Hexachloroethane	310	U	130	310	r
98-95-3	Nitrobenzene	310	UJ	150	310	r
78-59-1	Isophorone	310	U	120	310	r
88-75-5	2-Nitrophenol	310	U	170	310	r
105-67-9	2,4-Dimethylphenol	310	U	110	310	r
111-91-1	Bis(2-chloroethoxy)methane	310	U	120	310	r
65-85-0	Benzoic Acid	870	UJ	170	870	r
120-83-2	2,4-Dichlorophenol	310	U	150	310	r
120-82-1	1,2,4-Trichlorobenzene	310	U	130	310	r
91-20-3	Naphthalene	310	U	130	310	r
106-47-8	4-Chloroaniline	310	U	170	310	r
87-68-3	Hexachlorobutadiene	310	U	160	310	r
59-50-7	4-Chloro-3-methylphenol	310	U	150	310	r
91-57-6	2-Methylnaphthalene	310	U	130	310	r
77-47-4	Hexachlorocyclopentadiene	310	U R	130	310	r
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	100	310	r
88-06-2	2,4,6-Trichlorophenol	310	U	140	310	r
95-95-4	2,4,5-Trichlorophenol	310	U	110	310	r
91-58-7	2-Chloronaphthalene	310	U	120	310	r
100-01-6	4-Nitroaniline	700	U	150	700	r
131-11-3	Dimethylphthalate	310	U	140	310	r
606-20-2	2,6-Dinitrotoluene	310	U	140	310	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

FORM I SV

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r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

10/06/2024

Phoenix Environmental Laboratories, Inc.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-4/MW-4 10-11.5'
SDG No.:	GCR46087	Lab Sample ID:	CR46093	
Sample wt/vol:	15.09 (g/mL)	g	Lab File ID:	0822_21.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	24		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol. 1.0 (uL)	Date Analyzed:	08/23/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	310	U	120	310	r
99-09-2	3-Nitroaniline	440	U	170	440	r
83-32-9	Acenaphthene	310	U	130	310	r
51-28-5	2,4-Dinitrophenol	440	U R	220	440	r
132-64-9	Dibenzofuran	310	U	130	310	r
121-14-2	2,4-Dinitrotoluene	310	U	170	310	r
100-02-7	4-Nitrophenol	310	UJ	87	310	r
84-66-2	Diethyl phthalate	310	U	140	310	r
86-73-7	Fluorene	310	U	140	310	r
7005-72-3	4-Chlorophenyl phenyl ether	310	U	150	310	r
88-74-4	2-Nitroaniline	440	UJ	170	440	r
534-52-1	4,6-Dinitro-2-methylphenol	440	UJ	170	440	r
86-30-6	N-Nitrosodiphenylamine	440	U	170	440	r
122-66-7	Azobenzene	440	U	170	440	r
101-55-3	4-Bromophenyl phenyl ether	440	U	130	440	r
118-74-1	Hexachlorobenzene	310	U	130	310	r
87-86-5	Pentachlorophenol	440	U	160	440	r
82-68-8	Pentachloronitrobenzene	440	U	130	440	r
85-01-8	Phenanthrene	310	U	120	310	r
120-12-7	Anthracene	310	U	140	310	r
86-74-8	Carbazole	440	U	170	440	r
84-74-2	Di-n-butylphthalate	440	U	170	440	r
206-44-0	Fluoranthene	310	U	140	310	r
92-87-5	Benzidine	310	U	170	310	r
129-00-0	Pyrene	310	U	150	310	r
85-68-7	Benzyl butyl phthalate	310	U	110	310	r
117-81-7	Bis(2-ethylhexyl)phthalate	440	U	130	440	r
56-55-3	Benz(a)anthracene	310	U	150	310	r
218-01-9	Chrysene	310	U	150	310	r
117-84-0	Di-n-octylphthalate	310	U	110	310	r
91-94-1	3,3'-dichlorobenzidine	310	UJ	210	310	r
205-99-2	Benzo(b)fluoranthene	310	U	150	310	r
207-08-9	Benzo(k)fluoranthene	310	U	140	310	r
50-32-8	Benzo(a)pyrene	310	U	140	310	r
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	140	310	r
53-70-3	Dibenz(a,h)anthracene	310	U	140	310	r

FORM I SV

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1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-4/MW-4 14-15`
SDG No.:	GCR46087	Lab Sample ID:	CR46094	
Sample wt/vol:	15.48 (g/mL) g	Lab File ID:	0822_22.D	
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/21/24	
% Moisture:	13	Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	370	U	100	370	r
110-86-1	Pyridine	370	U	91	370	r
108-95-2	Phenol	260	U	120	260	r
111-44-4	Bis(2-chloroethyl)ether	370	UJ	100	370	r
62-53-3	Aniline	370	U	150	370	r
95-57-8	2-Chlorophenol	260	U	110	260	r
541-73-1	1,3-Dichlorobenzene	260	U	110	260	r
106-46-7	1,4-Dichlorobenzene	260	U	110	260	r
95-50-1	1,2-Dichlorobenzene	260	U	100	260	r
95-48-7	2-Methylphenol (o-cresol)	260	U	150	260	r
108-60-1	Bis(2-chloroisopropyl)ether	260	UJ	100	260	r
621-64-7	N-Nitrosodi-n-propylamine	260	U	120	260	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	370	U	150	370	r
98-86-2	Acetophenone	260	U	120	260	r
67-72-1	Hexachloroethane	260	U	110	260	r
98-95-3	Nitrobenzene	260	U	130	260	r
78-59-1	Isophorone	260	U	100	260	r
88-75-5	2-Nitrophenol	260	UJ	150	260	r
105-67-9	2,4-Dimethylphenol	260	U	92	260	r
111-91-1	Bis(2-chloroethoxy)methane	260	U	100	260	r
65-85-0	Benzoic Acid	740	UJ	150	740	r
120-83-2	2,4-Dichlorophenol	260	U	130	260	r
120-82-1	1,2,4-Trichlorobenzene	260	U	110	260	r
91-20-3	Naphthalene	260	U	110	260	r
106-47-8	4-Chloroaniline	260	U	150	260	r
87-68-3	Hexachlorobutadiene	260	U	130	260	r
59-50-7	4-Chloro-3-methylphenol	260	U	130	260	r
91-57-6	2-Methylnaphthalene	260	U	110	260	r
77-47-4	Hexachlorocyclopentadiene	260	U R	110	260	r
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	89	260	r
88-06-2	2,4,6-Trichlorophenol	260	U	120	260	r
95-95-4	2,4,5-Trichlorophenol	260	U	97	260	r
91-58-7	2-Chloronaphthalene	260	U	110	260	r
100-01-6	4-Nitroaniline	590	U	120	590	r
131-11-3	Dimethylphthalate	260	U	120	260	r
606-20-2	2,6-Dinitrotoluene	260	U	120	260	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-4/MW-4 14-15`	
SDG No.:	GCR46087	Lab Sample ID:	CR46094		
Sample wt/vol:	15.48 (g/mL)	g	Lab File ID:	0822_22.D	
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24	
% Moisture:	13		Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	260	U	100	260	r
99-09-2	3-Nitroaniline	370	U	150	370	r
83-32-9	Acenaphthene	260	U	110	260	r
51-28-5	2,4-Dinitrophenol	370	U R	190	370	r
132-64-9	Dibenzofuran	260	U	110	260	r
121-14-2	2,4-Dinitrotoluene	260	U	150	260	r
100-02-7	4-Nitrophenol	260	U J	74	260	r
84-66-2	Diethyl phthalate	260	U	120	260	r
86-73-7	Fluorene	260	U	120	260	r
7005-72-3	4-Chlorophenyl phenyl ether	260	U	120	260	r
88-74-4	2-Nitroaniline	370	U J	150	370	r
534-52-1	4,6-Dinitro-2-methylphenol	370	U J	150	370	r
86-30-6	N-Nitrosodiphenylamine	370	U	140	370	r
122-66-7	Azobenzene	370	U	150	370	r
101-55-3	4-Bromophenyl phenyl ether	370	U	110	370	r
118-74-1	Hexachlorobenzene	260	U	110	260	r
87-86-5	Pentachlorophenol	370	U	140	370	r
82-68-8	Pentachloronitrobenzene	370	U	110	370	r
85-01-8	Phenanthrene	260	U	110	260	r
120-12-7	Anthracene	260	U	120	260	r
86-74-8	Carbazole	370	U	150	370	r
84-74-2	Di-n-butylphthalate	370	U	150	370	r
206-44-0	Fluoranthene	260	U	120	260	r
92-87-5	Benzidine	260	U	150	260	r
129-00-0	Pyrene	260	U	130	260	r
85-68-7	Benzyl butyl phthalate	260	U	96	260	r
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	110	370	r
56-55-3	Benz(a)anthracene	260	U	120	260	r
218-01-9	Chrysene	260	U	120	260	r
117-84-0	Di-n-octylphthalate	260	U	96	260	r
91-94-1	3,3'-dichlorobenzidine	260	U J	180	260	r
205-99-2	Benzo(b)fluoranthene	260	U	130	260	r
207-08-9	Benzo(k)fluoranthene	260	U	120	260	r
50-32-8	Benzo(a)pyrene	260	U	120	260	r
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	120	260	r
53-70-3	Dibenz(a,h)anthracene	260	U	120	260	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-5/MW-5 6.5-8'	
SDG No.:	GCR46087	Lab Sample ID:	CR46095		
Sample wt/vol:	15.38 (g/mL)	g	Lab File ID:	0822_23.D	
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24	
% Moisture:	16		Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	95	390	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	390	UJ	100	390	r
62-53-3	Aniline	390	U	150	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	150	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	UJ	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	UJ	150	270	r
105-67-9	2,4-Dimethylphenol	270	U	96	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	770	UJ	150	770	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	150	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	U R	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	93	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	620	U	130	620	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

FORM I SV

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r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-5/MW-5 6.5-8'
SDG No.:	<u>GCR46087</u>	Lab Sample ID:	<u>CR46095</u>	
Sample wt/vol:	<u>15.38</u> (g/mL) <u>g</u>	Lab File ID:	<u>0822_23.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/21/24</u>	
% Moisture:	<u>16</u>	Date Extracted:	<u>08/22/24</u>	
Instrument:	<u>CHEM19</u>	Inj. Vol.	<u>1.0</u> (uL)	Date Analyzed:
				<u>08/23/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH:	<u></u>	Dilution Factor:
				<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	150	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	U R	190	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	UJ	77	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	UJ	150	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	UJ	150	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	150	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	110	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	150	390	r
84-74-2	Di-n-butylphthalate	390	U	150	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	150	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	UJ	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-5/MW-5 9-10`	
SDG No.:	GCR46087	Lab Sample ID:	CR46096		
Sample wt/vol:	15.47 (g/mL)	g	Lab File ID:	0822_24.D	
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24	
% Moisture:	19		Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U	98	400	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	UJ	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	UJ	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	UJ	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	99	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	800	UJ	160	800	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	110	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U R	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	96	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	640	U	130	640	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

FORM I SV

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r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

10/06/2024

Phoenix Environmental Laboratories, Inc.

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-5/MW-5 9-10`	
SDG No.:	GCR46087	Lab Sample ID:	CR46096		
Sample wt/vol:	15.47 (g/mL)	g	Lab File ID:	0822_24.D	
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24	
% Moisture:	19		Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	U R	200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	UJ	80	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	400	UJ	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	UJ	160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	150	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	110	400	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	UJ	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-5/MW-5 14-15`
SDG No.:	GCR46087	Lab Sample ID:	CR46097	
Sample wt/vol:	15.35 (g/mL) g	Lab File ID:	0822_11.D	
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/21/24	
% Moisture:	16	Date Extracted:	08/22/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	95	390	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	390	U J	100	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	160	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U J	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U J	160	270	r
105-67-9	2,4-Dimethylphenol	270	U	96	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	780	U J	160	780	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	160	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	U R	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	93	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	620	U	130	620	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. 2,4-Dinitrophenol failed minimum RRF within CCV, led to qualification of reject "R" value in all samples.

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-5/MW-5 14-15`
SDG No.:	GCR46087	Lab Sample ID:	CR46097	
Sample wt/vol:	15.35 (g/mL)	g	Lab File ID:	0822_11.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/21/24
% Moisture:	16		Date Extracted:	08/22/24
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	U R	190	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	UJ	78	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	UJ	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	UJ	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	110	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	160	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	UJ	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR46087

Lab ID	Field ID	Collection Date	Matrix
CR46088	SB-3/MW-3 9.5'-11'	8/21/2024	Soil
CR46089	SB-3/MW-3 14-15'	8/21/2024	Soil
CR46090	SB-3/MW-3 18-20'	8/21/2024	Soil
CR46092	SB-4/MW-4 7-8'	8/21/2024	Soil
CR46093	SB-4/MW-4 10-11.5'	8/21/2024	Soil
CR46094	SB-4/MW-4 14-15'	8/21/2024	Soil
CR46095	SB-5/MW-5 6.5-8'	8/21/2024	Soil
CR46096	SB-5/MW-5 9-10'	8/21/2024	Soil
CR46097	SB-5/MW-5 14-15'	8/21/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument EDD35 while samples were analyzed on ECD33. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. Detected analytes will be qualified as estimate "J" values. Sample evaluated on ECD04 had QA/QC samples of blanks, lab controls and matrix samples and were evaluated normally.
 - Within Continuing Calibrations, several analytes were above laboratory limits of the CCVs of instrument ECD04 and ECD33 associated with the SDG GC46087 in which all the samples were analyzed. All sample will have these analytes qualified as a non-detect estimate "UJ" values.
 - Confirmation did not meet %D for CR45947 MS of 40%, no further qualification needed.
- All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR46087



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?			x	Several analytes were above laboratory limits of the CCVs of instrument ECD04 and ECD33 associated with the SDG GC46087 in which all the samples were analyzed. All sample will have these analytes qualified as a non-detect estimate "UJ" values. Please see attachment.
Were (%D), relative respond factors (RRF) and RT within criteria?		x		
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			
PEM % breakdown did not exceed criteria?	x			

Criteria	Y	N	NA	Comment
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			While blanks were present, they were analyzed on a different instrument than samples evaluated on ECD33 thus all detection will be qualified as estimate "J" values with in all samples. Blanks associated with ECD04 were within laboratory criteria. See attachments.
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminants found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards?	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SDG or matrix?	x			While matrix samples were present, they were analyzed on a different instrument than samples evaluated on ECD33 thus no qualification will be made based on this data. Matrix samples associated with ECD04 were within laboratory criteria.
Was MS/MSD done at specific frequency required by criteria?	x			
Were MS/MSD (%R) and RPD within QC?	x			
H. Laboratory control sample				
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			While laboratory control samples were present, they were analyzed on a different instrument than samples evaluated on ECD33 thus no qualification will be made based on this data. Laboratory control samples associated with ECD04 were within laboratory criteria.
Was LCS (%R) within QC Limits?	x			

Criteria	Y	N	NA	Comment
I. Field Duplicates				
Were field duplicates collected?		x		
Were %RPD < 50% for observed analytes?			x	
J. Florisil Cartridge Performance Check				
Were %R within specification.	x			
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are within calculated window?	x			
%D of target analytes and Toxaphene are calculated to less than 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			Confirmation did not meet %D for CR45947 MS of 40%, no further qualification needed.
M. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
N. EPA Regional QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		

Criteria	Y	N	NA	Comment
O. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration qualification is needed. Qualification also due to lack of QA/QC data from sample associated instrument. All results are within Cat. B criterion and usable.



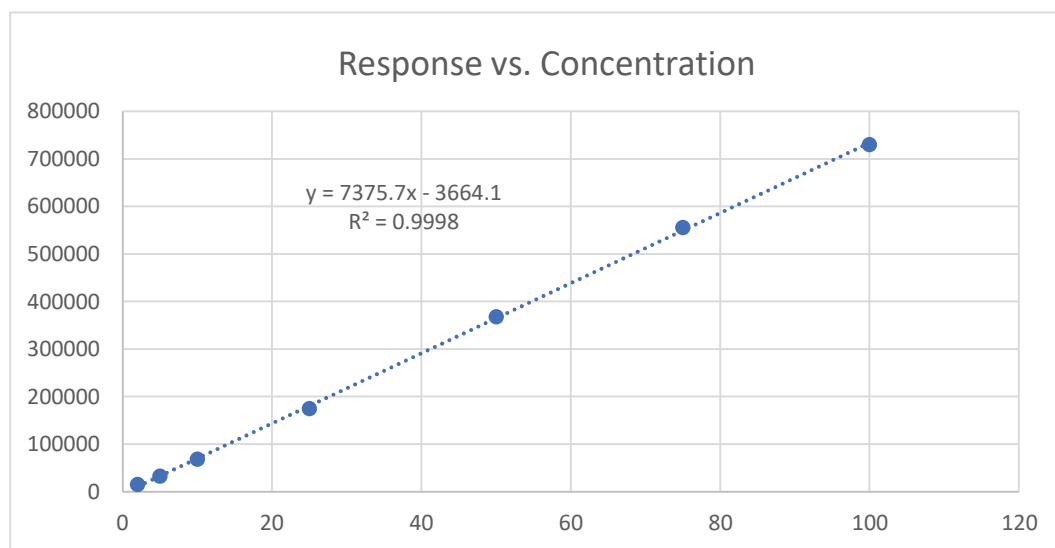
Calculation Spot Check

Instrument: ECD4

ICV Date and Time: 7/25/2024

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	1.996	15214	2
L2	2.12	32632	5
L3	2.191	68206	10
L4	2.264	174699	25
L5	2.299	367513	50
L6	2.28	555644	75
L7	2.275	729753	100
average	2.204		
RSD	5.04		





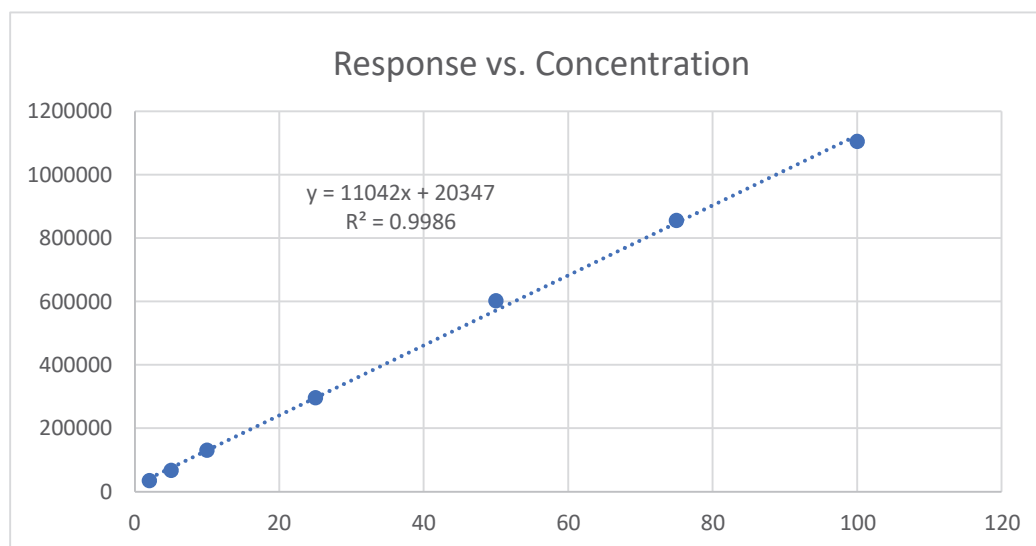
Calculation Spot Check

Instrument: ECD33

ICV Date and Time: 8/13/24

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	2.656	34480	2
L2	2.556	67205	5
L3	2.395	130271	10
L4	2.339	295809	25
L5	2.322	602003	50
L6	2.224	855874	75
L7	3.433	1105033	100
average	2.561		
RSD	16.08		



Reviewer Comment: Qualification of analyte Endrin ketone as estimate "UJ" value within associated samples is due to %D results above laboratory limit.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR46087

GC Col A: Rtx-CLP ID: 0.53 (mm) Init. Calib. Date(s): 08/13/24 08/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;31s Date Analyzed: 08/22/24

LAB Sample ID (PEM): mix 4;31s - 822A019 Time Analyzed: 16:34

Instrument: ECD33 File: 822A019

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.82	3.94	4.04	50	50	0		2.561
beta-BHC	4.18	4.29	4.39	55	50	10		0.980
delta-BHC	4.33	4.45	4.55	52	50	4		2.351
gamma-BHC (Lindane)	4.11	4.22	4.32	52	50	4		2.301
Heptachlor	4.52	4.64	4.74	56	50	12		2.182
Aldrin	4.78	4.90	5.00	55	50	10		2.152
Heptachlor Epoxide	5.30	5.42	5.56	56	50	12		1.892
Endosulfan I	5.66	5.81	5.95	60	50	20		1.769
Dieldrin	5.90	6.05	6.19	56	50	12		1.914
4,4' -DDE	5.60	5.73	5.87	54	50	8		1.627
Endrin	6.13	6.30	6.44	59	50	18		1.692
Endosulfan II	6.37	6.55	6.69	56	50	12		1.642
4,4' -DDD	6.19	6.35	6.49	54	50	8		1.398
Endosulfan Sulfate	7.34	7.54	7.68	60	50	20		1.470
4,4' -DDT	6.49	6.67	6.81	56	50	12		1.515
Methoxychlor	7.06	7.24	7.38	57	50	14		0.778
Endrin ketone	7.66	7.84	7.98	63	50	26	*	1.720
Endrin Aldehyde	6.83	7.03	7.17	55	50	10		1.392
alpha-Chlordane	5.53	5.67	5.81	53	50	6		1.934
gamma-Chlordane	5.41	5.54	5.68	55	50	10		1.875
Decachlorobiphenyl	8.69	8.81	9.01	85	80	6		1.544
Tetrachloro-m-xylene	3.33	3.43	3.53	90	80	13		1.266

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification of analyte 4,4'-DDD as estimate "UJ" value within associated samples is due to %D results above laboratory limit.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR46087

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 08/13/24 08/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;31s Date Analyzed: 08/22/24

LAB Sample ID (PEM): mix 4;31s - 822B032 Time Analyzed: 20:24

Instrument: ECD33 File: 822B032

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.23	4.22	4.32	47	50	6		2.514
beta-BHC	4.74	4.72	4.82	45	50	10		1.121
delta-BHC	4.96	4.94	5.04	44	50	12		2.559
gamma-BHC (Lindane)	4.55	4.54	4.64	52	50	4		2.240
Heptachlor	5.11	5.11	5.21	47	50	6		2.423
Aldrin	5.45	5.45	5.55	49	50	2		2.341
Heptachlor Epoxide	5.90	5.88	6.02	50	50	0		2.134
Endosulfan I	6.34	6.33	6.47	50	50	0		1.936
Dieldrin	6.68	6.67	6.81	50	50	0		1.990
4,4' -DDE	6.54	6.53	6.67	43	50	14		2.059
Endrin	6.97	6.96	7.10	50	50	0		1.872
Endosulfan II	7.26	7.25	7.39	49	50	2		1.736
4,4' -DDD	7.22	7.21	7.35	39	50	22	*	1.424
Endosulfan Sulfate	7.74	7.72	7.86	42	50	16		1.764
4,4' -DDT	7.63	7.62	7.76	43	50	14		1.621
Methoxychlor	8.24	8.22	8.36	51	50	2		0.851
Endrin ketone	8.28	8.26	8.40	50	50	0		1.832
Endrin Aldehyde	7.44	7.42	7.56	44	50	12		1.426
alpha-Chlordane	6.30	6.29	6.43	46	50	8		2.049
gamma-Chlordane	6.20	6.19	6.33	47	50	6		2.236
Decachlorobiphenyl	9.75	9.71	9.91	88	80	10		1.706
Tetrachloro-m-xylene	3.80	3.80	3.90	79	80	1		1.392

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification of analytes alpha-BHC, gamma-BHC and Endosulfan Sulfate as estimate "UJ" value within associated samples is due to %D results above laboratory limit.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR46087

GC Col A: CLPesticide: ID: 0.53 (mm) Init. Calib. Date(s): 07/25/24 07/25/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;31s Date Analyzed: 08/23/24

LAB Sample ID (PEM): mix 4;31s - 823A014 Time Analyzed: 15:39

Instrument: ECD4 File: 823A014

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.93	4.19	4.29	63	50	26	*	2.204
beta-BHC	4.31	4.58	4.68	58	50	16		1.043
delta-BHC	4.48	4.76	4.86	60	50	20		2.198
gamma-BHC (Lindane)	4.23	4.50	4.60	61	50	22	*	2.087
Heptachlor	4.68	4.96	5.06	54	50	8		2.273
Aldrin	4.96	5.26	5.36	57	50	14		2.050
Heptachlor Epoxide	5.53	5.86	6.00	55	50	10		1.945
Endosulfan I	5.92	6.29	6.43	58	50	16		1.801
Dieldrin	6.17	6.56	6.70	54	50	8		1.998
4,4' -DDE	5.87	6.20	6.34	53	50	6		1.717
Endrin	6.42	6.84	6.98	55	50	10		1.792
Endosulfan II	6.67	7.11	7.25	52	50	4		1.718
4,4' -DDD	6.50	6.89	7.03	56	50	12		1.368
Endosulfan Sulfate	7.66	8.09	8.23	39	50	22	*	1.855
4,4' -DDT	6.82	7.23	7.37	48	50	4		1.609
Methoxychlor	7.40	7.78	7.92	44	50	12		0.941
Endrin ketone	7.98	8.41	8.55	43	50	14		1.892
Endrin Aldehyde	7.16	7.60	7.74	48	50	4		1.527
alpha-Chlordane	5.79	6.13	6.27	57	50	14		1.829
gamma-Chlordane	5.65	5.99	6.13	54	50	8		1.958
Decachlorobiphenyl	9.07	9.40	9.60	50	80	38	*	1.868
Tetrachloro-m-xylene	3.40	3.63	3.73	83	80	4		1.328

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV. Qualification of detected analytes is due to lack of QA/QC data from analytical instrument ECD33.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-3/MW-3 9.5'-11'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD33

Column.: Rtx-CLP 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil

Lab Sample ID: CR46088

Sample wt/vol: 10.01 (g/mL) g

Lab File ID: 822A020

% Moisture: 23

decanted: (Y/N) N

Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.561		13	C	U	13
319-85-7	beta-BHC	0.980		13	C	U	13
319-86-8	delta-BHC	2.351		13	C	U	13
58-89-9	gamma-BHC (Lindane)	NA		2.6	C	U	2.6
76-44-8	Heptachlor	2.182		13	C	U	13
309-00-2	Aldrin	2.152		6.5	C	U	6.5
1024-57-3	Heptachlor Epoxide	1.892		13	C	U	13
959-98-8	Endosulfan I	1.769		13	C	U	13
60-57-1	Dieldrin	1.914		6.5	C	U	6.5
72-55-9	4,4' -DDE	1.627	18		P	J	3.9
72-20-8	Endrin	1.692		13	C	U	13
33213-65-9	Endosulfan II	NA		13	C	U	13
72-54-8	4,4' -DDD	1.398		3.9	C	UJ	3.9
1031-07-8	Endosulfan Sulfate	1.470		13	C	U	13
50-29-3	4,4' -DDT	1.515		3.9	C	U	3.9
72-43-5	Methoxychlor	0.778		65	C	U	65
53494-70-5	Endrin ketone	1.720		13	C	UJ	13
7421-93-4	Endrin Aldehyde	NA		13	C	U	13
8001-35-2	Toxaphene	NA		260	C	U	260
5103-71-9	alpha-Chlordane	1.934	74		P	J	6.5
5103-74-2	gamma-Chlordane	1.875	53		P	J	6.5
57-74-9	Chlordane	NA	* Present in Sample	X		J	65
2051-24-3	Decachlorobiphenyl	1.544	104		C		%
877-09-8	Tetrachloro-m-xylene	1.266	98		C		%

72-55-9Sample PQL Calc: (3raw * 2df * 5fv) / (10.01wt-vol * 0.77%sol) = 3.9

72-55-9Sample Result Calc: ((13.93raw * 2df * 5fv) / (10.01wt-vol * 0.77%sol) = 18

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV. Qualification of detected analytes is due to lack of QA/QC data from analytical instrument ECD33.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-3/MW-3 9.5'-11'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD33

Column.: Rtx-CLP 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil

Lab Sample ID: CR46088

Sample wt/vol: 10.01 (g/mL) g

Lab File ID: 822A020_1

% Moisture: 23

decanted: (Y/N) N

Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/22/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	13	X	U	13	13
319-85-7	beta-BHC	NA	13	X	U	13	13
319-86-8	delta-BHC	NA	13	X	U	13	13
58-89-9	gamma-BHC (Lindane)	NA	2.6	X	U	2.6	2.6
76-44-8	Heptachlor	NA	13	X	U	13	13
309-00-2	Aldrin	NA	6.5	X	U	6.5	6.5
1024-57-3	Heptachlor Epoxide	NA	13	X	U	13	13
959-98-8	Endosulfan I	NA	13	X	U	13	13
60-57-1	Dieldrin	NA	6.5	X	U	6.5	6.5
72-55-9	4,4' -DDE	NA	* Present in Sample	X	J	3.9	3.9
72-20-8	Endrin	NA	13	X	U	13	13
33213-65-9	Endosulfan II	NA	13	X	U	13	13
72-54-8	4,4' -DDD	NA	3.9	X	UJ	3.9	3.9
1031-07-8	Endosulfan Sulfate	NA	13	X	U	13	13
50-29-3	4,4' -DDT	NA	3.9	X	U	3.9	3.9
72-43-5	Methoxychlor	NA	65	X	U	65	65
53494-70-5	Endrin ketone	NA	13	X	UJ	13	13
7421-93-4	Endrin Aldehyde	NA	13	X	U	13	13
8001-35-2	Toxaphene	NA	260	X	U	260	260
5103-71-9	alpha-Chlordane	NA	* Present in Sample	X	J	6.5	6.5
5103-74-2	gamma-Chlordane	NA	* Present in Sample	X	J	6.5	6.5
57-74-9	Chlordane	NA	340	P	J	65	65
2051-24-3	Decachlorobiphenyl	1.555	95	X		%	%
877-09-8	Tetrachloro-m-xylene	1.370	87	X		%	%

57-74-9Sample PQL Calc: (50raw * 2df * 5fv) / (10.01wt-vol * 0.77%sol) = 65

57-74-9Sample Result Calc: ((260.405raw * 2df * 5fv) / (10.01wt-vol * 0.77%sol) = 340

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-3/MW-3 14-15`

Lab Name: Phoenix EnvironmentalClient: LABELLA

Lab Code: PhoenixInstr: ECD33Column.: Rtx-CLP 0.32SDG No.: GCR46087

Matrix: (soil/water) SoilLab Sample ID: CR46089

Sample wt/vol: 10.19 (g/mL) gLab File ID: 822A021

% Moisture: 23decanted: (Y/N) NDate Received: 08/21/24

Extraction: (SepF/Cont/ASE) UnknownDate Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL)Date Analyzed: 08/22/24

Injection Volume: 1 (ul)Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.561		13	C	U	13
319-85-7	beta-BHC	0.980		13	C	U	13
319-86-8	delta-BHC	2.351		13	C	U	13
58-89-9	gamma-BHC (Lindane)	NA		2.5	C	U	2.5
76-44-8	Heptachlor	NA		13	C	U	13
309-00-2	Aldrin	2.152		6.4	C	U	6.4
1024-57-3	Heptachlor Epoxide	1.892		13	C	U	13
959-98-8	Endosulfan I	NA		13	C	U	13
60-57-1	Dieldrin	1.915		6.4	C	U	6.4
72-55-9	4,4' -DDE	NA		3.8	C	U	3.8
72-20-8	Endrin	1.692		13	C	U	13
33213-65-9	Endosulfan II	1.642		13	C	U	13
72-54-8	4,4' -DDD	NA		3.8	C	UJ	3.8
1031-07-8	Endosulfan Sulfate	NA		13	C	U	13
50-29-3	4,4' -DDT	1.515		3.8	C	U	3.8
72-43-5	Methoxychlor	NA		64	C	U	64
53494-70-5	Endrin ketone	NA		13	C	UJ	13
7421-93-4	Endrin Aldehyde	1.392		13	C	U	13
8001-35-2	Toxaphene	NA		250	C	U	250
5103-71-9	alpha-Chlordane	1.934		6.4	C	U	6.4
5103-74-2	gamma-Chlordane	1.875		6.4	C	U	6.4
57-74-9	Chlordane	NA		64	C	U	64
2051-24-3	Decachlorobiphenyl	1.544	91		C		%
877-09-8	Tetrachloro-m-xylene	1.266	96		C		%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (10.19wt-vol * 0.77%sol) = 64

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-3/MW-3 18-20`

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil Lab Sample ID: CR46090

Sample wt/vol: 15.32 (g/mL) g Lab File ID: 822A022

% Moisture: 14 decanted: (Y/N) N Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/21/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/22/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.6	C	U	7.6	7.6
319-85-7	beta-BHC	0.980	7.6	C	U	7.6	7.6
319-86-8	delta-BHC	2.351	7.6	C	U	7.6	7.6
58-89-9	gamma-BHC (Lindane)	NA	1.5	C	U	1.5	1.5
76-44-8	Heptachlor	NA	7.6	C	U	7.6	7.6
309-00-2	Aldrin	NA	3.8	C	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	1.892	7.6	C	U	7.6	7.6
959-98-8	Endosulfan I	NA	7.6	C	U	7.6	7.6
60-57-1	Dieldrin	NA	3.8	C	U	3.8	3.8
72-55-9	4,4' -DDE	NA	2.3	C	U	2.3	2.3
72-20-8	Endrin	NA	7.6	C	U	7.6	7.6
33213-65-9	Endosulfan II	NA	7.6	C	U	7.6	7.6
72-54-8	4,4' -DDD	1.398	2.3	C	UJ	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.6	C	U	7.6	7.6
50-29-3	4,4' -DDT	1.515	2.3	C	U	2.3	2.3
72-43-5	Methoxychlor	NA	38	C	U	38	38
53494-70-5	Endrin ketone	NA	7.6	C	UJ	7.6	7.6
7421-93-4	Endrin Aldehyde	NA	7.6	C	U	7.6	7.6
8001-35-2	Toxaphene	NA	150	C	U	150	150
5103-71-9	alpha-Chlordane	1.934	3.8	C	U	3.8	3.8
5103-74-2	gamma-Chlordane	1.875	3.8	C	U	3.8	3.8
57-74-9	Chlordane	NA	38	C	U	38	38
2051-24-3	Decachlorobiphenyl	1.544	86	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	81	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.32wt-vol * 0.86%sol) = 38

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-4/MW-4 7-8'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: CLPesticides 0.32 SDG No.: GCR46087

Matrix: (soil/water) Soil Lab Sample ID: CR46092

Sample wt/vol: 15.31 (g/mL) g Lab File ID: 823A021

% Moisture: 17 decanted: (Y/N) N Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/22/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/23/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.9	C	U J	7.9	7.9
319-85-7	beta-BHC	1.043	7.9	C	U J	7.9	7.9
319-86-8	delta-BHC	2.198	7.9	C	U	7.9	7.9
58-89-9	gamma-BHC (Lindane)	NA	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	2.273	7.9	C	U	7.9	7.9
309-00-2	Aldrin	2.050	3.9	C	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	1.945	7.9	C	U	7.9	7.9
959-98-8	Endosulfan I	NA	7.9	C	U	7.9	7.9
60-57-1	Dieldrin	1.998	10	P		3.9	3.9
72-55-9	4,4' -DDE	1.717	7.0	P		2.4	2.4
72-20-8	Endrin	NA	7.9	C	U	7.9	7.9
33213-65-9	Endosulfan II	NA	7.9	C	U	7.9	7.9
72-54-8	4,4' -DDD	1.368	4.1	P		2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	7.9	C	U J	7.9	7.9
50-29-3	4,4' -DDT	1.609	2.4	C	U	2.4	2.4
72-43-5	Methoxychlor	NA	39	C	U	39	39
53494-70-5	Endrin ketone	NA	7.9	C	U	7.9	7.9
7421-93-4	Endrin Aldehyde	1.527	7.9	C	U	7.9	7.9
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	1.829	3.9	C	U	3.9	3.9
5103-74-2	gamma-Chlordane	1.958	3.9	C	U	3.9	3.9
57-74-9	Chlordane	NA	39	C	U	39	39
2051-24-3	Decachlorobiphenyl	1.868	58	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	85	C		%	%

60-57-1 Sample PQL Calc: $(5\text{raw} * 2\text{df} * 5\text{fv}) / (15.31\text{wt-vol} * 0.83\%\text{sol}) = 3.9$

60-57-1 Sample Result Calc: $((12.7122\text{raw} * 2\text{df} * 5\text{fv}) / (15.31\text{wt-vol} * 0.83\%\text{sol})) = 10$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-4/MW-4 10-11.5'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil

Lab Sample ID: CR46093

Sample wt/vol: 15.17 (g/mL) g

Lab File ID: 823A022

% Moisture: 24

decanted: (Y/N) N

Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/22/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/23/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.7	C	U J	8.7	8.7
319-85-7	beta-BHC	NA	8.7	C	U J	8.7	8.7
319-86-8	delta-BHC	2.198	8.7	C	U	8.7	8.7
58-89-9	gamma-BHC (Lindane)	NA	1.7	C	U	1.7	1.7
76-44-8	Heptachlor	2.274	8.7	C	U	8.7	8.7
309-00-2	Aldrin	NA	4.3	C	U	4.3	4.3
1024-57-3	Heptachlor Epoxide	1.945	8.7	C	U	8.7	8.7
959-98-8	Endosulfan I	NA	8.7	C	U	8.7	8.7
60-57-1	Dieldrin	1.998	4.3	C	U	4.3	4.3
72-55-9	4,4' -DDE	1.717	5.7	P		2.6	2.6
72-20-8	Endrin	NA	8.7	C	U	8.7	8.7
33213-65-9	Endosulfan II	NA	8.7	C	U	8.7	8.7
72-54-8	4,4' -DDD	1.368	4.1	P		2.6	2.6
1031-07-8	Endosulfan Sulfate	NA	8.7	C	U J	8.7	8.7
50-29-3	4,4' -DDT	1.609	2.6	C	U	2.6	2.6
72-43-5	Methoxychlor	NA	43	C	U	43	43
53494-70-5	Endrin ketone	NA	8.7	C	U	8.7	8.7
7421-93-4	Endrin Aldehyde	1.527	8.7	C	U	8.7	8.7
8001-35-2	Toxaphene	NA	170	C	U	170	170
5103-71-9	alpha-Chlordane	1.829	4.3	C	U	4.3	4.3
5103-74-2	gamma-Chlordane	1.958	4.3	C	U	4.3	4.3
57-74-9	Chlordane	NA	43	C	U	43	43
2051-24-3	Decachlorobiphenyl	1.868	53	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	78	C		%	%

72-55-9Sample PQL Calc: (3raw * 2df * 5fv) / (15.17wt-vol * 0.76%sol) = 2.6

72-55-9Sample Result Calc: ((6.5377raw * 2df * 5fv) / (15.17wt-vol * 0.76%sol) = 5.7

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-4/MW-4 14-15`

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil

Lab Sample ID: CR46094

Sample wt/vol: 15.08 (g/mL) g

Lab File ID: 823A023

% Moisture: 13

decanted: (Y/N) N

Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/22/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/23/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.6	C	U J	7.6	7.6
319-85-7	beta-BHC	1.043	7.6	C	U J	7.6	7.6
319-86-8	delta-BHC	NA	7.6	C	U	7.6	7.6
58-89-9	gamma-BHC (Lindane)	NA	1.5	C	U	1.5	1.5
76-44-8	Heptachlor	NA	7.6	C	U	7.6	7.6
309-00-2	Aldrin	NA	3.8	C	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	1.945	7.6	C	U	7.6	7.6
959-98-8	Endosulfan I	NA	7.6	C	U	7.6	7.6
60-57-1	Dieldrin	NA	3.8	C	U	3.8	3.8
72-55-9	4,4' -DDE	1.717	2.3	C	U	2.3	2.3
72-20-8	Endrin	1.792	7.6	C	U	7.6	7.6
33213-65-9	Endosulfan II	NA	7.6	C	U	7.6	7.6
72-54-8	4,4' -DDD	NA	2.3	C	U	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.6	C	U J	7.6	7.6
50-29-3	4,4' -DDT	NA	2.3	C	U	2.3	2.3
72-43-5	Methoxychlor	NA	38	C	U	38	38
53494-70-5	Endrin ketone	NA	7.6	C	U	7.6	7.6
7421-93-4	Endrin Aldehyde	NA	7.6	C	U	7.6	7.6
8001-35-2	Toxaphene	NA	150	C	U	150	150
5103-71-9	alpha-Chlordane	NA	3.8	C	U	3.8	3.8
5103-74-2	gamma-Chlordane	1.958	3.8	C	U	3.8	3.8
57-74-9	Chlordane	NA	38	C	U	38	38
2051-24-3	Decachlorobiphenyl	1.868	57	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	76	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.08wt-vol * 0.87%sol) = 38

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-5/MW-5 6.5-8'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil

Lab Sample ID: CR46095

Sample wt/vol: 15.32 (g/mL) g

Lab File ID: 823A024

% Moisture: 16

decanted: (Y/N) N

Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/22/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/23/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.8	C	U J	7.8	7.8
319-85-7	beta-BHC	NA	7.8	C	U J	7.8	7.8
319-86-8	delta-BHC	NA	7.8	C	U	7.8	7.8
58-89-9	gamma-BHC (Lindane)	2.087	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	NA	7.8	C	U	7.8	7.8
309-00-2	Aldrin	NA	3.9	C	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	1.945	7.8	C	U	7.8	7.8
959-98-8	Endosulfan I	NA	7.8	C	U	7.8	7.8
60-57-1	Dieldrin	1.998	3.9	C	U	3.9	3.9
72-55-9	4,4' -DDE	1.717	2.3	C	U	2.3	2.3
72-20-8	Endrin	NA	7.8	C	U	7.8	7.8
33213-65-9	Endosulfan II	NA	7.8	C	U	7.8	7.8
72-54-8	4,4' -DDD	1.368	2.3	C	U	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.8	C	U J	7.8	7.8
50-29-3	4,4' -DDT	NA	2.3	C	U	2.3	2.3
72-43-5	Methoxychlor	0.941	39	C	U	39	39
53494-70-5	Endrin ketone	NA	7.8	C	U	7.8	7.8
7421-93-4	Endrin Aldehyde	1.527	7.8	C	U	7.8	7.8
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	NA	3.9	C	U	3.9	3.9
5103-74-2	gamma-Chlordane	NA	3.9	C	U	3.9	3.9
57-74-9	Chlordane	NA	39	C	U	39	39
2051-24-3	Decachlorobiphenyl	1.868	57	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	87	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.32wt-vol * 0.84%sol) = 39

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-5/MW-5 9-10`

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil

Lab Sample ID: CR46096

Sample wt/vol: 15.31 (g/mL) g

Lab File ID: 823A025

% Moisture: 19

decanted: (Y/N) N

Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/22/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/23/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.1	C	U J	8.1	8.1
319-85-7	beta-BHC	1.043	8.1	C	U J	8.1	8.1
319-86-8	delta-BHC	NA	8.1	C	U	8.1	8.1
58-89-9	gamma-BHC (Lindane)	NA	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	NA	8.1	C	U	8.1	8.1
309-00-2	Aldrin	NA	4.0	C	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	1.945	8.1	C	U	8.1	8.1
959-98-8	Endosulfan I	NA	8.1	C	U	8.1	8.1
60-57-1	Dieldrin	NA	4.0	C	U	4.0	4.0
72-55-9	4,4' -DDE	NA	2.4	C	U	2.4	2.4
72-20-8	Endrin	NA	8.1	C	U	8.1	8.1
33213-65-9	Endosulfan II	NA	8.1	C	U	8.1	8.1
72-54-8	4,4' -DDD	1.368	2.4	C	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	8.1	C	U J	8.1	8.1
50-29-3	4,4' -DDT	NA	2.4	C	U	2.4	2.4
72-43-5	Methoxychlor	NA	40	C	U	40	40
53494-70-5	Endrin ketone	NA	8.1	C	U	8.1	8.1
7421-93-4	Endrin Aldehyde	NA	8.1	C	U	8.1	8.1
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	C	U	4.0	4.0
5103-74-2	gamma-Chlordane	1.958	4.0	C	U	4.0	4.0
57-74-9	Chlordane	NA	40	C	U	40	40
2051-24-3	Decachlorobiphenyl	1.868	51	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	80	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.31wt-vol * 0.81%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-5/MW-5 14-15`

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil

Lab Sample ID: CR46097

Sample wt/vol: 15.17 (g/mL) g

Lab File ID: 823A029

% Moisture: 16

decanted: (Y/N) N

Date Received: 08/21/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/22/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/23/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.8	C	U J	7.8	7.8
319-85-7	beta-BHC	NA	7.8	C	U J	7.8	7.8
319-86-8	delta-BHC	NA	7.8	C	U	7.8	7.8
58-89-9	gamma-BHC (Lindane)	2.087	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	2.273	7.8	C	U	7.8	7.8
309-00-2	Aldrin	NA	3.9	C	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	1.945	7.8	C	U	7.8	7.8
959-98-8	Endosulfan I	1.801	7.8	C	U	7.8	7.8
60-57-1	Dieldrin	NA	3.9	C	U	3.9	3.9
72-55-9	4,4' -DDE	NA	2.4	C	U	2.4	2.4
72-20-8	Endrin	NA	7.8	C	U	7.8	7.8
33213-65-9	Endosulfan II	NA	7.8	C	U	7.8	7.8
72-54-8	4,4' -DDD	NA	2.4	C	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	7.8	C	U J	7.8	7.8
50-29-3	4,4' -DDT	NA	2.4	C	U	2.4	2.4
72-43-5	Methoxychlor	NA	39	C	U	39	39
53494-70-5	Endrin ketone	NA	7.8	C	U	7.8	7.8
7421-93-4	Endrin Aldehyde	1.527	7.8	C	U	7.8	7.8
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	NA	3.9	C	U	3.9	3.9
5103-74-2	gamma-Chlordane	NA	3.9	C	U	3.9	3.9
57-74-9	Chlordane	NA	39	C	U	39	39
2051-24-3	Decachlorobiphenyl	1.868	53	C		%	%
877-09-8	Tetrachloro-m-xylene	1.328	82	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.17wt-vol * 0.84%sol) = 39

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP)



Method Review: 8082A PCB

Lab Job ID: GCR48041

Lab ID	Field ID	Collection Date	Matrix
CR46088	SB-3/MW-3 9.5'-11'	8/21/2024	Soil
CR46089	SB-3/MW-3 14-15'	8/21/2024	Soil
CR46090	SB-3/MW-3 18-20'	8/21/2024	Soil
CR46092	SB-4/MW-4 7-8'	8/21/2024	Soil
CR46093	SB-4/MW-4 10-11.5'	8/21/2024	Soil
CR46094	SB-4/MW-4 14-15'	8/21/2024	Soil
CR46095	SB-5/MW-5 6.5-8'	8/21/2024	Soil
CR46096	SB-5/MW-5 9-10'	8/21/2024	Soil
CR46097	SB-5/MW-5 14-15'	8/21/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD08 while samples were analyzed on ECD3, ECD29, ECD48 and ECD7. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values
- All instruments had a failure in within CCVs, it was not over 25% as stated in SOP except for ECD29 failures within files 822A036, 823A033 and 823B033 led to qualification of Aroclor 1260 as non-detect estimate "UJ" value in sample CR46089 and CR46092.

All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			All instruments had a failure in within CCVs, which was not over 25% as stated in SOP except for ECD29 failures within files 822A036, 823A033 and 823B033. This also led to qualification of Aroclor 1260 as non-detect estimate "UJ" value in samples CR46089 and CR46092. See attachment.
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Arcelor standard (C3) and within RT window?		x		
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?		x		Samples run on instruments ECD3, ECD29, ECD48 and ECD7 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?	x			Matrix samples were not evaluated on ECD3, ECD29, ECD48 and ECD7 thus no qualification will be made based on this data.
Were MS/MSD (%R) and RPD within QC?	x			
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Laboratory control samples were not evaluated on ECD3, ECD29, ECD48 and ECD7 thus no qualification will be made based on this data.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) within ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			

Criteria	Y	N	NA	Comment
K. Field Duplicates				
Were Field Duplicated identified within sample package?		x		
Was RPD less than 50%?			x	
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure within continuous calibration were made. All results are within Cat. B criterion and usable.



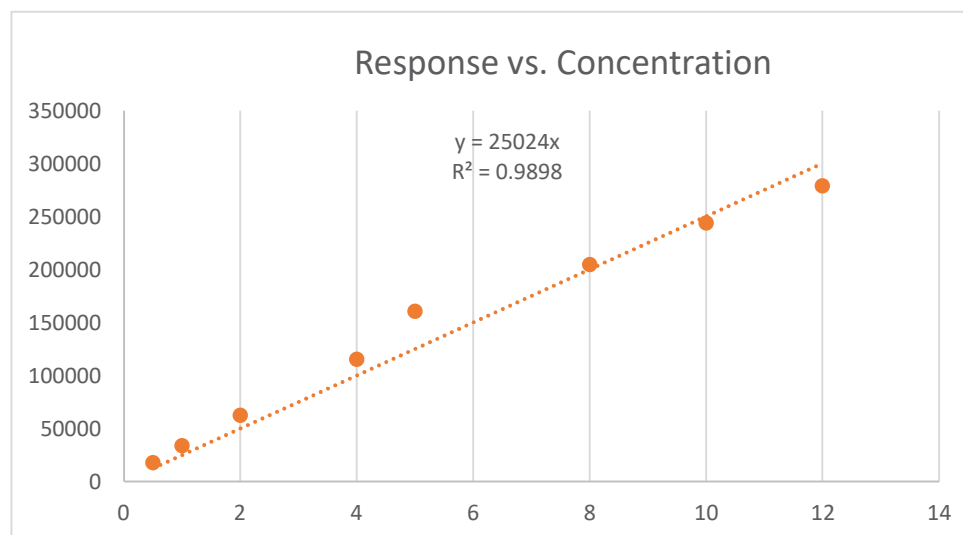
Calculation Spot Check

Instrument: ECD29

ICV Date and Time: 08/15/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.045	0.5	18029.6
LV2	0.041	1	34047.6
LV3	0.039	2.0000	62550
LV4	0.037	4.0000	115512
LV5	0.034	5.0000	160737.79
LV6	0.032	8.0000	204896.89
LV7	0.034	10.0000	244041.32
LV8	0.051	12.0000	279264
Mean	0.039		
%RSD	16.36		



Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.



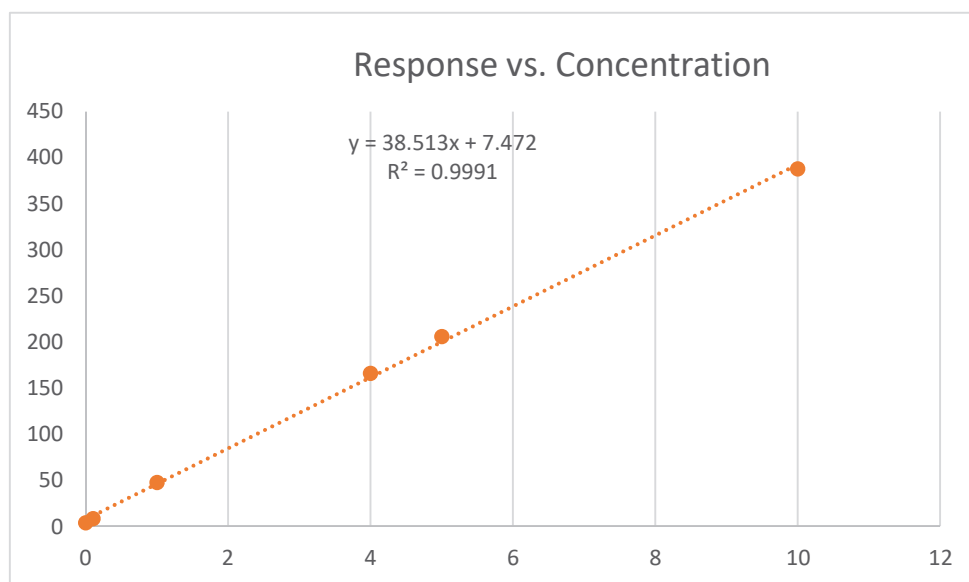
Calculation Spot Check

Instrument: ECD7

ICV Date and Time: 08/13/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.031	0.5	6919.28
LV2	0.030	1	20201.76
LV3	0.028	2.0000	45509.6
LV4	0.027	4.0000	98704.56
LV5	0.027	5.0000	146391.44
LV6	0.025	8.0000	202575.28
LV7	0.025	10.0000	244599.68
LV8	0.032	12.0000	287238.8
Mean	0.028		
%RSD	9.40		



Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.

Calculation Spot Check

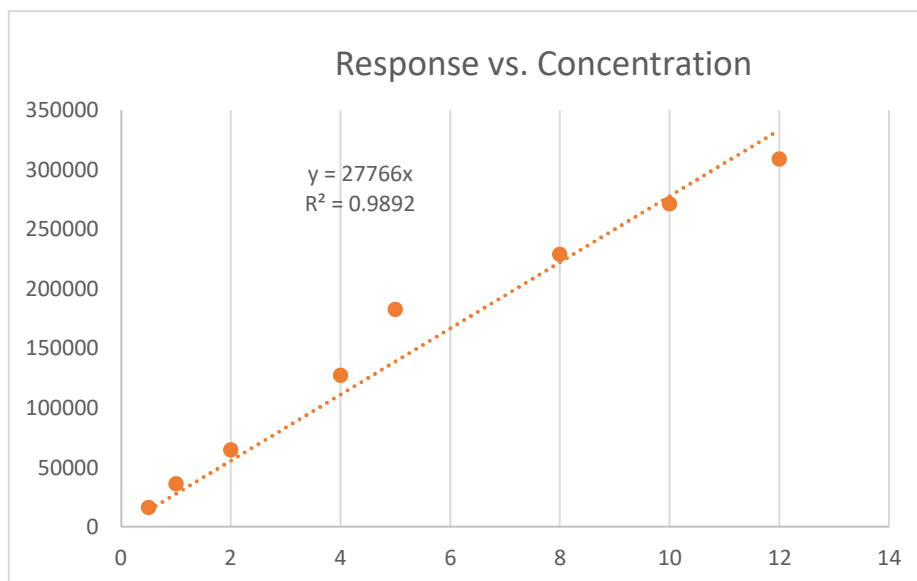
Instrument: ECD48

ICV Date and Time: 07/29/24

Compound: Aroclor 1016-1



	CF	Concentration	Area
LV1	0.035	0.5	15929.32
LV2	0.033	1	35852.46
LV3	0.031	2.0000	64507.79
LV4	0.029	4.0000	126990.14
LV5	0.029	5.0000	182389.04
LV6	0.027	8.0000	228571.26
LV7	0.027	10.0000	271036.2
LV8	0.032	12.0000	308711.7
Mean	0.030		
%RSD	9.47		



Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.



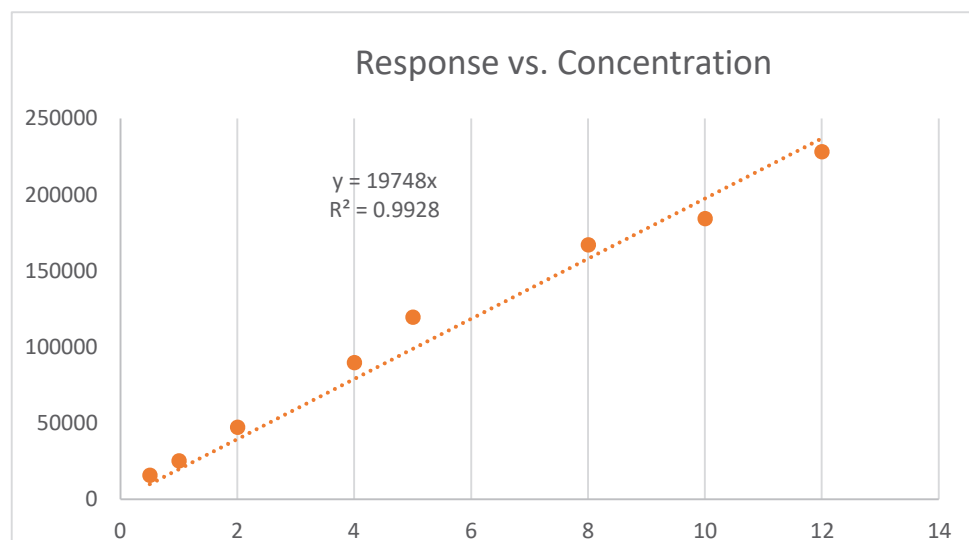
Calculation Spot Check

Instrument: ECD03

ICV Date and Time: 08/19/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.030	0.5	15603.69
LV2	0.028	1	25070.18
LV3	0.026	2.0000	47214.98
LV4	0.024	4.0000	89696.94
LV5	0.026	5.0000	119388.57
LV6	0.023	8.0000	166914.21
LV7	0.024	10.0000	184117.18
LV8	0.036	12.0000	228018.55
Mean	0.027		
%RSD	15.70		



Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.

Reviewer Comment: Qualification of analyte Aroclor 1260 (Primary) as non-detect estimate "UJ" values within associated sample (SB-3/MW-3 14-15') due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR46087
GC Col A:	RTX-440	ID: 0.53 (mm)	Init. Calib. Date(s):		08/15/24 08/15/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;42v			Date Analyzed:	08/22/24
LAB Sample ID (PEM):	mix 600;42v - 822A036			Time Analyzed:	21:40
Instrument:	ECD29			File:	822A036

[illegible]

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor 1260 (Confirmation) as non-detect estimate "UJ" values within associated sample (SB-4/MW-4 7-8') due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCR46087
GC Col B:	Rxi-35sil ms	ID: 0.32 (mm)	Init. Calib. Date(s):	08/15/24	08/15/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;42			Date Analyzed:	08/23/24
LAB Sample ID (PEM):	mix 600;42 - 823B033			Time Analyzed:	19:57
Instrument:	ECD29			File:	823B033

[illegible]

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor-1260 as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file 823A033.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO. _____

SB-4/MW-4 7-8'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: RTX-440 0.32

SDG No.: GCR46087

Matrix: (soil/water) Soil Lab Sample ID: CR46092

Sample wt/vol: 15.31 (g/mL) g Lab File ID: 823A030

% Moisture:	17	decanted: (Y/N)	N	Date Received:	08/21/24
-------------	----	-----------------	---	----------------	----------

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/22/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/23/24

Injection Volume: 1 (ul) Dilution Factor: 10

CONCENTRATION UNITS: ug/Kg

[illegible]

11100-14-4 Sample PQL Calc: $(100\text{raw} * 10\text{df} * 5\text{fv}) / (15.31\text{wt-vol} * 0.83\%\text{sol}) = 390$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component



ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 05/09/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR47003_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR47003_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



Newton Plaza Associates, LLC - Data Usability Summary Report for August 22, 2024, Soil and Water Samples

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Lab Job: GCR47003									
Method Evaluated									
Lab ID	Field ID	Collection Date	Matrix	8260D Water	8260 Solid	8270E	8081B	8082A	6010D & 7470A
CR47003	EQUIPMENT BLANK	8/22/2024	Water	x					
CR47004	SB-6 / MW-6 6-7.5'	8/22/2024	Soil		x	x	x	x	x
CR47005	SB-6 / MW-6 10-11'	8/22/2024	Soil		x	x	x	x	x
CR47006	SB-6 / MW-6 14.5-15'	8/22/2024	Soil		x	x	x	x	x
CR47007	LL TRIP BLANKS	8/22/2024	Soil		x				
CR47008	SB-7 / MW-7 7-8'	8/22/2024	Soil		x	x	x	x	x
CR47009	SB-7 / MW-7 11-12'	8/22/2024	Soil		x	x	x	x	x
CR47010	SB-7 / MW-7 14.5-15'	8/22/2024	Soil		x	x	x	x	x
CR47011	HL TRIP BLANKS	8/22/2024	Soil		x				

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)
- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)



- Method 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides by Gas Chromatography (February 2007)
- Method 6010D Inductively Coupled Plasma—Optical Emission Spectrometry, revision 5 (June 2018)
- Method 7471B Mercury in Solid or Semisolid Wastes (Manual Cold-Vapor Technique) (February 2007)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets criteria for compliance with methods 8260D, 8270E, 8081.B, 8082A, 6010D and 7471B except for rejected data due to instrument issues as noted in sections 8270E and 6010D. Percent solid method E160.3 was run, and all samples are over 30% solid.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR47003**

Lab ID	Field ID	Collection Date	Matrix
CR47003	EQUIPMENT BLANK	8/22/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within continuous calibration several analytes were above %deviation (%D) which led to qualification of analytes as non-detect estimates within sample.
- No analytes were detected within sample thus no further qualification needed on associated solid samples.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR47003



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			
Was RSD% with in criteria for each target analyte? Was RRF within criteria?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	X			Several analytes were above %deviation (%D) which led to qualification of analytes as non-detect estimates within sample. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		X		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	X			
Was blank analyzed every 12 hours?	X			
Were contamination found, if so qualification may be necessary?		X		
Subsection : Field Blanks				EQUIPMENT BLANK
Was a field blank associated with each sample of SDG?	X			
Were target compounds detected in it?		X		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	X			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	X			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		X		
Was MS/MSD done every 20 samples?			X	
Were MS/MSD (%R) and RPD within QC?			X	

Criteria	Y	N	NA	Comment
H. Field Duplicate				
Were field duplicates identified in this SGD?		x		
Were target compounds detected in it? Were RSPs less than 50%?			x	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?			x	
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			x	
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure with continuous calibration. Data is usable.

Calculation Spot Check

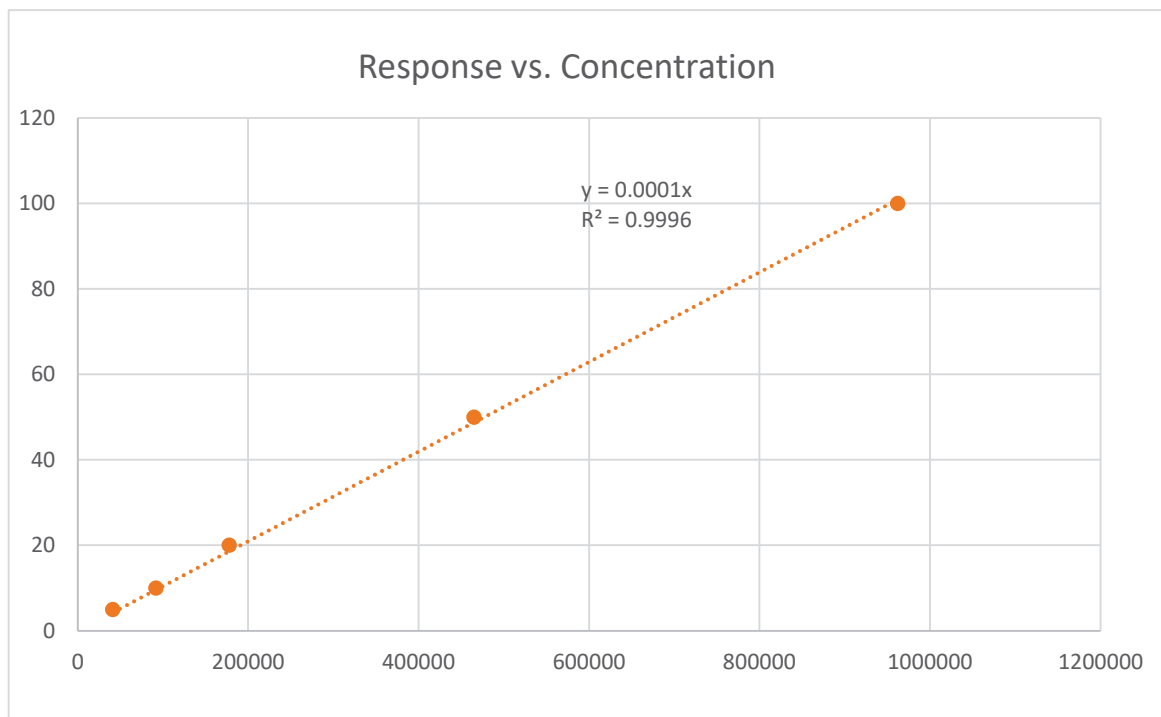
Instrument: CHEM23

ICV Date and time : 08/24/2024 17:01

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.452	6194	0.5
L2	0.422	41019	5
L3	0.495	91539	10
L4	0.445	177597	20
L5	0.486	464859	50
L6	0.493	962033	100
average	0.466		
RSD	6.5		



7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM23 Calibration Date: 08/25/24 Time: 17:21

Lab File Id: 0825_02.D Init. Calib. Date(s): 08/24/24 08/24/24

Heated Purge (Y/N): N Init. Calib. Times: 17:01 18:59

GC Column: RTX-VMS Method File: VOA23_082424.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.479	0.582	0.300	-21.5 +	20 (40)
Toluene	0.782	0.905	0.300	-15.7	20 (40)
4-Methyl-2-Pentanone	0.275	0.362	0.030	-31.6 +	20 (60)
Tetrachloroethene	0.262	0.316	0.100	-20.6 +	20 (40)
trans-1,3-Dichloropropene	0.413	0.500	0.300	-21.1 +	20 (40)
1,1,2-Trichloroethane	0.246	0.294	0.200	-19.5	20 (40)
Dibromochloromethane	0.264	0.285	0.200	-8.0	20 (40)
1,3-Dichloropropane	0.470	0.517	0.050	-10.0	20 (40)
1,2-Dibromoethane	0.275	0.303	0.200	-10.2	20 (40)
2-Hexanone	0.202	0.246	0.010	-21.8 +	20 (60)
Chlorobenzene	0.942	1.013	0.400	-7.5	20 (40)
Ethylbenzene	0.495	0.538	0.400	-8.7	20 (40)
1,1,1,2-Tetrachloroethane	0.288	0.310	0.050	-7.6	20 (40)
m&p-Xylene	0.609	0.679	0.200	-11.5	20 (40)
o-Xylene	0.579	0.636	0.200	-9.8	20 (40)
Styrene	0.969	1.099	0.200	-13.4	20 (40)
Bromoform	0.151	0.163	0.100	-7.9	20 (40)
Isopropylbenzene	0.708	0.807	0.400	-14.0	20 (40)
Bromobenzene	0.684	0.745	0.050	-8.9	20 (40)
n-Propylbenzene	0.735	0.828	0.050	-12.7	20 (40)
1,1,2,2-Tetrachloroethane	0.579	0.662	0.200	-14.3	20 (40)
2-Chlorotoluene	0.630	0.693	0.050	-10.0	20 (40)
1,3,5-Trimethylbenzene	2.057	2.323	0.050	-12.9	20 (40)
1,2,3-Trichloropropane	0.470	0.535	0.050	-13.8	20 (40)
trans-1,4-Dichloro-2-butene	0.198	0.262	0.050	-32.3 +	20 (40)
4-Chlorotoluene	0.675	0.739	0.050	-9.5	20 (40)
tert-Butylbenzene	1.750	1.967	0.050	-12.4	20 (40)
1,2,4-Trimethylbenzene	2.066	2.294	0.050	-11.0	20 (40)
sec-Butylbenzene	2.519	2.883	0.050	-14.5	20 (40)
p-Isopropyltoluene	2.151	2.456	0.050	-14.2	20 (40)
1,3-Dichlorobenzene	1.242	1.348	0.500	-8.5	20 (40)
1,4-Dichlorobenzene	1.316	1.419	0.600	-7.8	20 (40)
2-Isopropyltoluene	2.108	2.362	0.050	-12.0	20 (40)
n-Butylbenzene	1.832	2.096	0.050	-14.4	20 (40)
1,2-Dichlorobenzene	1.211	1.292	0.600	-6.7	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

EQUIPMENT BLANK

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47003

Sample wt/vol: 5 (g/mL) mL Lab File ID: 0825_10.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: n.a. Date Analyzed: 08/25/24

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	1.0	U	0.25	1.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	1.0	U	0.25	1.0	r
75-00-3	Chloroethane	1.0	U	0.25	1.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	5.0	U	0.25	5.0	r
75-09-2	Methylene Chloride	1.0	U	1.0	1.0	r
67-64-1	Acetone	25	U	2.5	25	r
156-60-5	Trans-1,2-Dichloroethene	1.0	U	0.25	1.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	1.0	U	0.25	1.0	r
107-13-1	Acrylonitrile	1.0	U	0.25	1.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	1.0	U	0.25	1.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	2.5	U	2.5	2.5	r
71-55-6	1,1,1-Trichloroethane	1.0	U	0.25	1.0	r
78-93-3	Methyl Ethyl Ketone	5.0	U	2.5	5.0	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.25	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	0.50	U	0.25	0.50	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U J	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	5.0	U J	2.5	5.0	r
127-18-4	Tetrachloroethene	1.0	U J	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U J	0.25	0.40	r
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

EQUIPMENT BLANK

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47003

Sample wt/vol: 5 (g/mL) mL Lab File ID: 0825_10.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: n.a. Date Analyzed: 08/25/24

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	0.50	U	0.25	0.50	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	5.0	U J	2.5	5.0	r
108-90-7	Chlorobenzene	1.0	U	0.25	1.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	1.0	U	0.25	1.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.25	0.50	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U J	2.5	5.0	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U J	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.40	U	0.25	0.40	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U J	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U J	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR47003**

Lab ID	Field ID	Collection Date	Matrix
CR47004	SB-6 / MW-6 6-7.5'	8/22/2024	Soil
CR47005	SB-6 / MW-6 10-11'	8/22/2024	Soil
CR47006	SB-6 / MW-6 14.5-15'	8/22/2024	Soil
CR47007	LL TRIP BLANKS	8/22/2024	Soil
CR47008	SB-7 / MW-7 7-8'	8/22/2024	Soil
CR47009	SB-7 / MW-7 11-12'	8/22/2024	Soil
CR47010	SB-7 / MW-7 14.5-15'	8/22/2024	Soil
CR47011	HL TRIP BLANKS	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration of instrument CHEM 26, Acetone was above laboratory criteria for %RSD but was not detected within associated samples, thus no qualification is needed.
- Within continuous calibration of instrument CHEM14 analytes Trichlorofluoromethane and Methyl t-Butyl Ether %deviations (%D) were above laboratory criteria leading to qualification of non-detect estimates "UJ" values with associated samples. Within continuous calibration of instrument CHEM26 analyte Dichlorodifluoromethane was above laboratory criteria leading to qualification of non-detect estimates "UJ" values with associated samples. Recoveries and RPD of other analytes above laboratory limits occurred but did not lead to further qualification.
- Several analytes recoveries were below laboratory criteria led to qualification as non-detect estimate "UJ" values within sample SB-6 / MW-6 6-7.5'.
- Tentative identified compound was detected but raw data was not presented thus evaluation of procedure cannot be made. Analyte detected in sample (CR47007) is an estimate value, no further qualification is needed.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR47003



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration of instrument CHEM 26, Acetone was above laboratory criteria for %RSD but was not detected within associated samples, thus no qualification is needed.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Within continuous calibration of instrument CHEM14 analytes Trichlorofluoromethane and Methyl t-Butyl Ether %deviations (%D) were above laboratory criteria leading to qualification of non-detect estimates "UJ" values with associated samples. Within continuous calibration of instrument CHEM26 analyte Dichlorodifluoromethane was above laboratory criteria leading to qualification of non-detect estimates "UJ" values with associated samples. Recoveries and RPD of other analytes above laboratory limits occurred but did not lead to further qualification. See attachment.
Were (%D) ≤ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				LL TRIP BLANKS and HL TRIP BLANKS
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			

Criteria	Y	N	NA	Comment
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				SB-6 / MW-6 6-7.5'
Were MS and MSD analyzed for SDG?	x			Several analytes recoveries were below laboratory criteria led to qualification as non-detect estimate "UJ" values within sample SB-6 / MW-6 6-7.5'. See attachment.
Was MS/MSD done every 20 samples?	x			
Were MS/MSD (%R) and RPD within QC?		x		
H. Field Duplicate				
Were field duplicates identified in this SGD?		x		
Were target compounds detected in it? Were RPDs less than 50%?			x	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			

Criteria	Y	N	NA	Comment
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?	x			Raw data was not presented thus evaluation of procedure cannot be made. Analyte detected in sample (CR45186) is an estimate "J" value, no further qualification is needed.
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in laboratory criteria within continuous calibration and matrix samples. All data is usable.

Calculation Spot Check

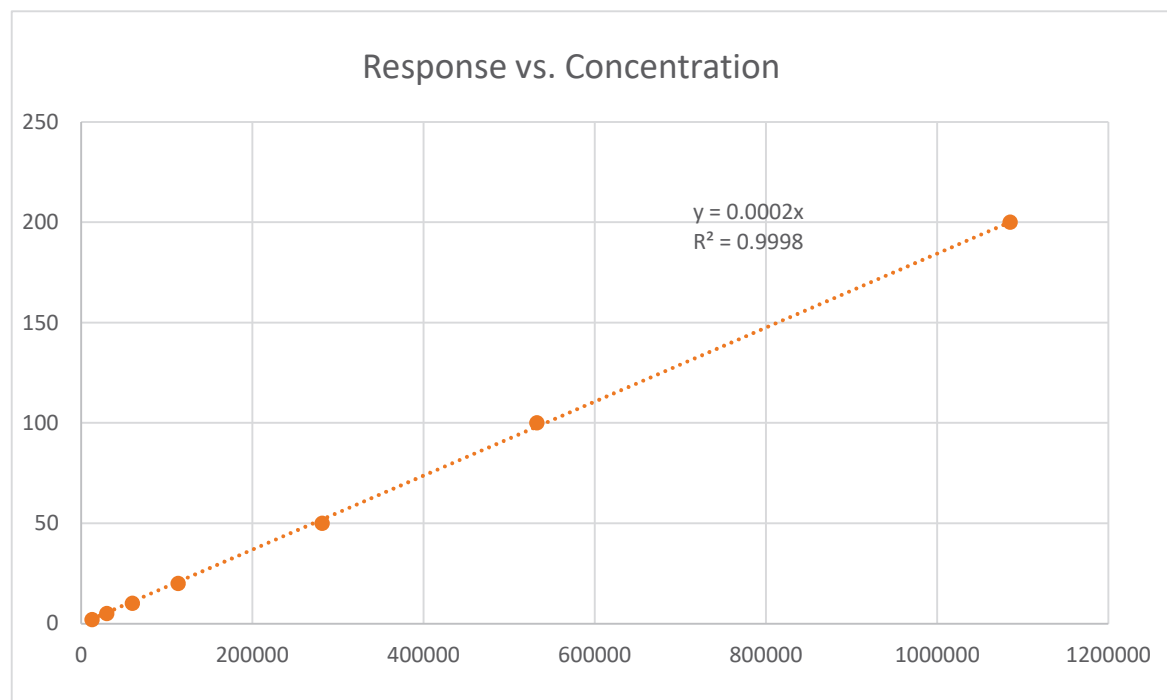
Instrument: CHEM14

ICV Date and time :08/12/24 20:19

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.908	12849	2
L2	0.904	30121	5
L3	0.926	59731	10
L4	0.943	113247	20
L5	0.964	281719	50
L6	0.978	532562	100
L7	0.988	1085322	200
average	0.944		
RSD	3.5		



Calculation Spot Check

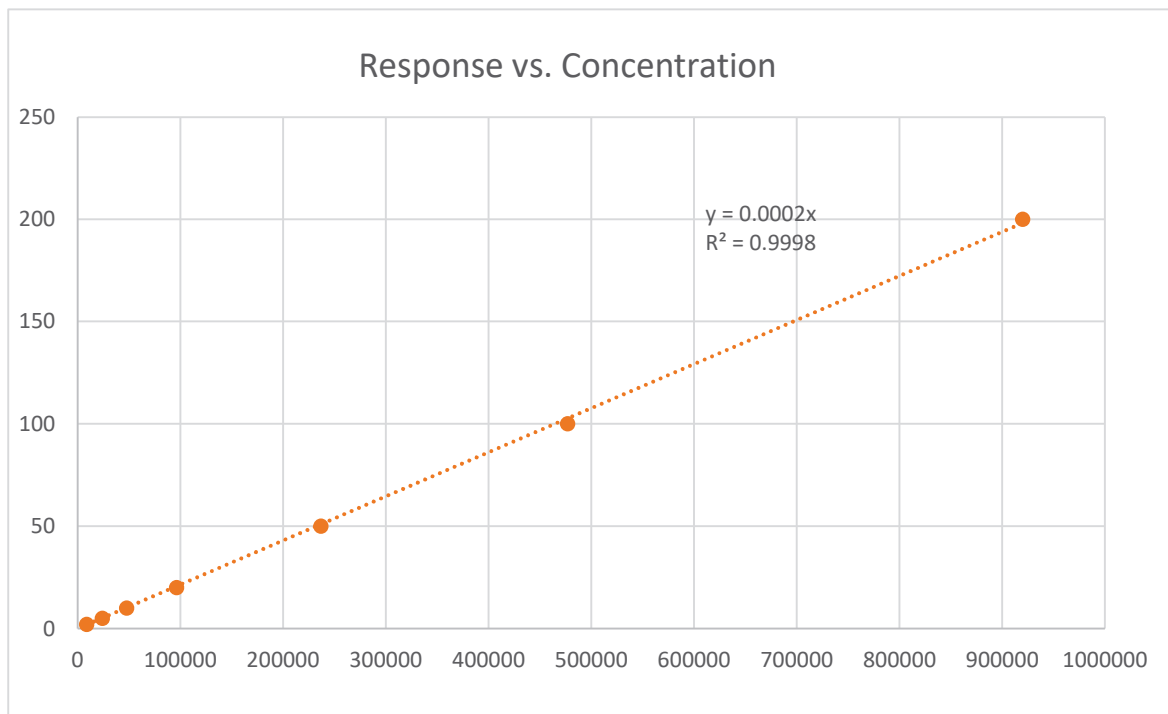
Instrument: CHEM26

ICV Date and time : 08/09/24 11:18

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.476	8790	2
L2	0.514	23941	5
L3	0.508	47743	10
L4	0.515	96382	20
L5	0.519	236758	50
L6	0.512	477113	100
L7	0.484	919968	200
average	0.504		
RSD	3.3		



7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM14 Calibration Date: 08/23/24 Time: 07:22

Lab File Id: 0823_02.D Init. Calib. Date(s): 08/12/24 08/12/24

Heated Purge (Y/N): Y Init. Calib. Times: 20:19 22:08

GC Column: RTX-VMS Method File: VT081224.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	292367	235729	n.a.	80.6	50-200
1,4-Difluorobenzene (IS Area/Area%)	486807	407723	n.a.	83.8	50-200
Chlorobenzene-d5 (IS Area/Area%)	473779	396156	n.a.	83.6	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	235697	190920	n.a.	81.0	50-200
1,4-Dioxane d8 (IS Area/Area%)	14822	10948	n.a.	73.9	n.a.
Dichlorodifluoromethane	0.796	0.864	0.010	-8.5	20 (60)
Chloromethane	0.944	1.017	0.010	-7.7	20 (60)
Vinyl Chloride	1.138	1.289	0.010	-13.3	20 (40)
Bromomethane	0.551	0.634	0.010	-15.1	20 (60)
Chloroethane	0.555	0.661	0.010	-19.1	20 (40)
Trichlorofluoromethane	1.200	1.480	0.010	-23.3 +	20 (40)
1,1-Dichloroethene	0.716	0.830	0.060	-15.9	20 (40)
Trichlorotrifluoroethane	0.552	0.618	0.050	-12.0	20 (40)
Carbon Disulfide	2.390	2.638	0.100	-10.4	20 (40)
Methylene Chloride	0.795	0.878	0.010	-10.4	20 (40)
Acetone	0.214	0.239	0.010	-11.7	20 (60)
Trans-1,2-Dichloroethene	0.751	0.899	0.100	-19.7	20 (40)
Methyl t-Butyl Ether (MTBE)	1.644	1.980	0.100	-20.4 +	20 (40)
1,1-Dichloroethane	1.281	1.363	0.300	-6.4	20 (40)
Acrylonitrile	0.192	0.196	0.050	-2.1	20 (40)
Cis-1,2-Dichloroethene	0.635	0.670	0.200	-5.5	20 (40)
2,2-Dichloropropane	0.993	0.987	0.050	0.6	20 (40)
Bromochloromethane	0.258	0.259	0.100	-0.4	20 (40)
Chloroform	1.050	1.112	0.300	-5.9	20 (40)
Carbon Tetrachloride	0.830	0.857	0.100	-3.3	20 (40)
Tetrahydrofuran (THF)	0.167	0.179	0.050	-7.2	20 (40)
1,1,1-Trichloroethane	0.913	0.958	0.050	-4.9	20 (40)
Methyl Ethyl Ketone	0.270	0.279	0.010	-3.3	20 (60)
1,1-Dichloropropene	0.540	0.569	0.050	-5.4	20 (40)
Benzene	1.492	1.538	0.200	-3.1	20 (40)
1,2-Dichloroethane	0.485	0.524	0.070	-8.0	20 (40)
Trichloroethene	0.387	0.388	0.200	-0.3	20 (40)
Dibromomethane	0.205	0.212	0.050	-3.4	20 (40)
1,2-dichloropropane	0.425	0.441	0.200	-3.8	20 (40)
Bromodichloromethane	0.448	0.444	0.300	0.9	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM26 Calibration Date: 08/22/24 Time: 21:53

Lab File Id: 0822_04.D Init. Calib. Date(s): 08/09/24 08/09/24

Heated Purge (Y/N): Y Init. Calib. Times: 11:18 13:06

GC Column: RTX-VMS Method File: VT-080924.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	456129	655969	n.a.	143.8	50-200
1,4-Difluorobenzene (IS Area/Area%)	660945	961690	n.a.	145.5	50-200
Chlorobenzene-d5 (IS Area/Area%)	541978	819767	n.a.	151.3	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	287000	427588	n.a.	149.0	50-200
1,4-Dioxane d8 (IS Area/Area%)	17791	29614	n.a.	166.5	n.a.
Dichlorodifluoromethane	0.679	0.459	0.010	32.4 +	20 (60)
Chloromethane	0.504	0.496	0.010	1.6	20 (60)
Vinyl Chloride	0.538	0.526	0.010	2.2	20 (40)
Bromomethane	0.348	0.281	0.010	19.3	20 (60)
Chloroethane	0.308	0.284	0.010	7.8	20 (40)
Trichlorofluoromethane	0.961	0.790	0.010	17.8	20 (40)
1,1-Dichloroethene	0.453	0.435	0.060	4.0	20 (40)
Trichlorotrifluoroethane	0.356	0.333	0.050	6.5	20 (40)
Carbon Disulfide	1.438	1.432	0.100	0.4	20 (40)
Methylene Chloride	0.557	0.493	0.010	11.5	20 (40)
Acetone	0.150	0.126	0.010	16.0	20 (60)
Trans-1,2-Dichloroethene	0.514	0.495	0.100	3.7	20 (40)
Methyl t-Butyl Ether (MTBE)	1.438	1.262	0.100	12.2	20 (40)
1,1-Dichloroethane	0.919	0.883	0.300	3.9	20 (40)
Acrylonitrile	0.132	0.139	0.050	-5.3	20 (40)
Cis-1,2-Dichloroethene	0.501	0.497	0.200	0.8	20 (40)
2,2-Dichloropropane	0.791	0.730	0.050	7.7	20 (40)
Bromochloromethane	0.213	0.200	0.100	6.1	20 (40)
Chloroform	0.959	0.872	0.300	9.1	20 (40)
Carbon Tetrachloride	0.710	0.634	0.100	10.7	20 (40)
Tetrahydrofuran (THF)	0.107	0.115	0.050	-7.5	20 (40)
1,1,1-Trichloroethane	0.906	0.807	0.050	10.9	20 (40)
Methyl Ethyl Ketone	0.179	0.168	0.010	6.1	20 (60)
1,1-Dichloropropene	0.488	0.471	0.050	3.5	20 (40)
Benzene	1.314	1.240	0.200	5.6	20 (40)
1,2-Dichloroethane	0.508	0.413	0.070	18.7	20 (40)
Trichloroethene	0.320	0.300	0.200	6.3	20 (40)
Dibromomethane	0.198	0.185	0.050	6.6	20 (40)
1,2-dichloropropane	0.316	0.320	0.200	-1.3	20 (40)
Bromodichloromethane	0.481	0.428	0.300	11.0	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

3D
SOIL VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR47003

Matrix Spike - Client Id: CR47004 / SB-6 / MW-6 6-7.5' MS Level:(low/med) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.	
Dichlorodifluoromethane	58.14	0.0	50.74	87	70	130
Chloromethane	58.14	0.0	64.55	111	70	130
Vinyl Chloride	58.14	0.0	55.42	95	70	130
Bromomethane	58.14	0.0	48.31	83	70	130
Chloroethane	58.14	0.0	53.28	92	70	130
Trichlorofluoromethane	58.14	0.0	44.31	76	70	130
1,1-Dichloroethene	58.14	0.0	51.34	88	59	172
Trichlorotrifluoroethane	58.14	0.0	49.33	85	70	130
Carbon Disulfide	58.14	0.0	52.33	90	70	130
Methylene Chloride	58.14	0.0	46.72	80	70	130
Acetone	58.14	24	38.74	67 *	70	130
Trans-1,2-Dichloroethene	58.14	0.0	49.85	86	70	130
Methyl t-Butyl Ether (MTBE)	58.14	0.0	45.35	78	70	130
1,1-Dichloroethane	58.14	0.0	51.79	89	70	130
Acrylonitrile	58.14	0.0	49.16	85	70	130
Cis-1,2-Dichloroethene	58.14	0.0	53.92	93	70	130
2,2-Dichloropropane	58.14	0.0	46.96	81	70	130
Bromochloromethane	58.14	0.0	49.41	85	70	130
Chloroform	58.14	0.0	47.67	82	70	130
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	58.14	63.47	109	22.4	30	70 130
Chloromethane	58.14	77.71	134 *	18.8	30	70 130
Vinyl Chloride	58.14	67.96	117	20.8	30	70 130
Bromomethane	58.14	58.47	101	19.6	30	70 130
Chloroethane	58.14	64.66	111	18.7	30	70 130
Trichlorofluoromethane	58.14	54.06	93	20.1	30	70 130
1,1-Dichloroethene	58.14	61.93	107	19.5	30	59 172
Trichlorotrifluoroethane	58.14	61.32	105	21.1	30	70 130
Carbon Disulfide	58.14	64.19	110	20.0	30	70 130
Methylene Chloride	58.14	55.26	95	17.1	30	70 130
Acetone	58.14	48.44	83	21.3	30	70 130
Trans-1,2-Dichloroethene	58.14	60.39	104	18.9	30	70 130
Methyl t-Butyl Ether (MTBE)	58.14	51.92	89	13.2	30	70 130
1,1-Dichloroethane	58.14	61.68	106	17.4	30	70 130
Acrylonitrile	58.14	60.29	104	20.1	30	70 130
Cis-1,2-Dichloroethene	58.14	61.65	106	13.1	30	70 130
2,2-Dichloropropane	58.14	56.42	97	18.0	30	70 130
Bromochloromethane	58.14	56.33	97	13.2	30	70 130
Chloroform	58.14	57.33	99	18.8	30	70 130

FORM III VOA

3D
SOIL VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR47003

Matrix Spike - Client Id: CR47004 / SB-6 / MW-6 6-7.5' MS Level:(low/med) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)		MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.	
1,2,4-Trimethylbenzene	58.14	0.0		45.12	78	70	130
sec-Butylbenzene	58.14	0.0		46.48	80	70	130
p-Isopropyltoluene	58.14	0.0		46.48	80	70	130
1,3-Dichlorobenzene	58.14	0.0		41.75	72	70	130
1,4-Dichlorobenzene	58.14	0.0		41.05	71	70	130
2-Isopropyltoluene	58.14	0.0		47.10	81	70	130
n-Butylbenzene	58.14	0.0		43.89	75	70	130
1,2-Dichlorobenzene	58.14	0.0		41.58	72	70	130
1,2-Dibromo-3-Chloropropane	58.14	0.0		43.82	75	70	130
Hexachlorobutadiene	58.14	0.0		33.14	57 *	70	130
1,2,4-Trichlorobenzene	58.14	0.0		35.83	62 *	70	130
Naphthalene	58.14	0.0		39.64	68 *	70	130
1,2,3-Trichlorobenzene	58.14	0.0		35.02	60 *	70	130
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
1,2,4-Trimethylbenzene	58.14	57.11	98	22.7		30	70 130
sec-Butylbenzene	58.14	62.59	108	29.8		30	70 130
p-Isopropyltoluene	58.14	61.89	106	28.0		30	70 130
1,3-Dichlorobenzene	58.14	52.39	90	22.2		30	70 130
1,4-Dichlorobenzene	58.14	50.55	87	20.3		30	70 130
2-Isopropyltoluene	58.14	61.10	105	25.8		30	70 130
n-Butylbenzene	58.14	59.84	103	31.5	*	30	70 130
1,2-Dichlorobenzene	58.14	51.18	88	20.0		30	70 130
1,2-Dibromo-3-Chloropropane	58.14	55.40	95	23.5		30	70 130
Hexachlorobutadiene	58.14	47.91	82	36.0	*	30	70 130
1,2,4-Trichlorobenzene	58.14	42.84	74	17.6		30	70 130
Naphthalene	58.14	47.13	81	17.4		30	70 130
1,2,3-Trichlorobenzene	58.14	42.41	73	19.5		30	70 130

FORM III VOA

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-6 / MW-6 6-7.5'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47004

Sample wt/vol: 5.13 (g/mL) g Lab File ID: 0822_30.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 14 Date Analyzed: 08/23/24

Instrument: CHEM26 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.6	U J	0.56	5.6	r
74-87-3	Chloromethane	5.6	U	1.1	5.6	r
75-01-4	Vinyl Chloride	5.6	U	0.56	5.6	r
74-83-9	Bromomethane	5.6	U	2.3	5.6	r
75-00-3	Chloroethane	5.6	U	0.56	5.6	r
75-69-4	Trichlorofluoromethane	5.6	U	1.1	5.6	r
75-35-4	1,1-Dichloroethene	5.6	U	0.56	5.6	r
76-13-1	Trichlorotrifluoroethane	5.6	U	0.56	5.6	r
75-15-0	Carbon Disulfide	5.6	U	1.1	5.6	r
75-09-2	Methylene Chloride	11	U	5.6	11	r
67-64-1	Acetone	28	U J	5.6	28	r
156-60-5	Trans-1,2-Dichloroethene	5.6	U	0.56	5.6	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.6	U	1.1	5.6	r
107-13-1	Acrylonitrile	11	U	0.56	11	r
156-59-2	Cis-1,2-Dichloroethene	5.6	U	0.56	5.6	r
594-20-7	2,2-Dichloropropane	5.6	U	0.56	5.6	r
74-97-5	Bromochloromethane	5.6	U	0.56	5.6	r
67-66-3	Chloroform	5.6	U	0.56	5.6	r
56-23-5	Carbon Tetrachloride	5.6	U	1.1	5.6	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.8	11	r
71-55-6	1,1,1-Trichloroethane	5.6	U	0.56	5.6	r
78-93-3	Methyl Ethyl Ketone	28	U	5.6	28	r
563-58-6	1,1-Dichloropropene	5.6	U	0.56	5.6	r
71-43-2	Benzene	5.6	U	0.56	5.6	r
107-06-2	1,2-Dichloroethane	5.6	U	0.56	5.6	r
79-01-6	Trichloroethene	5.6	U	0.56	5.6	r
74-95-3	Dibromomethane	5.6	U	1.1	5.6	r
78-87-5	1,2-dichloropropane	5.6	U	1.1	5.6	r
75-27-4	Bromodichloromethane	5.6	U	1.1	5.6	r
10061-01-5	cis-1,3-Dichloropropene	5.6	U	0.56	5.6	r
108-88-3	Toluene	5.6	U	0.56	5.6	r
108-10-1	4-Methyl-2-Pentanone	28	U	5.6	28	r
127-18-4	Tetrachloroethene	5.6	U	1.1	5.6	r
10061-02-6	trans-1,3-Dichloropropene	5.6	U	0.56	5.6	r
79-00-5	1,1,2-Trichloroethane	5.6	U	1.1	5.6	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-6 / MW-6 6-7.5'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47004

Sample wt/vol: 5.13 (g/mL) g Lab File ID: 0822_30.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 14 Date Analyzed: 08/23/24

Instrument: CHEM26 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	5.6	U	1.1	5.6	r
142-28-9	1,3-Dichloropropane	5.6	U	1.1	5.6	r
106-93-4	1,2-Dibromoethane	5.6	U	0.56	5.6	r
591-78-6	2-Hexanone	28	U	5.6	28	r
108-90-7	Chlorobenzene	5.6	U	0.56	5.6	r
100-41-4	Ethylbenzene	5.6	U	0.56	5.6	r
630-20-6	1,1,1,2-Tetrachloroethane	5.6	U	1.1	5.6	r
179601-23-1	m&p-Xylene	5.6	U	1.1	5.6	r
95-47-6	o-Xylene	5.6	U	1.1	5.6	r
100-42-5	Styrene	5.6	U	0.56	5.6	r
75-25-2	Bromoform	5.6	U	1.1	5.6	r
98-82-8	Isopropylbenzene	5.6	U	0.56	5.6	r
108-86-1	Bromobenzene	5.6	U	0.56	5.6	r
103-65-1	n-Propylbenzene	5.6	U	1.1	5.6	r
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	1.1	5.6	r
95-49-8	2-Chlorotoluene	5.6	U	1.1	5.6	r
108-67-8	1,3,5-Trimethylbenzene	5.6	U	0.56	5.6	r
96-18-4	1,2,3-Trichloropropane	5.6	U	0.56	5.6	r
110-57-6	trans-1,4-Dichloro-2-butene	11	U	2.8	11	r
106-43-4	4-Chlorotoluene	5.6	U	0.56	5.6	r
98-06-6	tert-Butylbenzene	5.6	U	0.56	5.6	r
95-63-6	1,2,4-Trimethylbenzene	5.6	U	0.56	5.6	r
135-98-8	sec-Butylbenzene	5.6	U	0.56	5.6	r
99-87-6	p-Isopropyltoluene	5.6	U	0.56	5.6	r
541-73-1	1,3-Dichlorobenzene	5.6	U	0.56	5.6	r
106-46-7	1,4-Dichlorobenzene	5.6	U	0.56	5.6	r
527-84-4	2-Isopropyltoluene	5.6	U	0.56	5.6	r
104-51-8	n-Butylbenzene	5.6	U	0.56	5.6	r
95-50-1	1,2-Dichlorobenzene	5.6	U	0.56	5.6	r
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	1.1	5.6	r
87-68-3	Hexachlorobutadiene	5.6	U J	0.56	5.6	r
120-82-1	1,2,4-Trichlorobenzene	5.6	U J	1.1	5.6	r
91-20-3	Naphthalene	5.6	U J	1.1	5.6	r
87-61-6	1,2,3-Trichlorobenzene	5.6	U J	1.1	5.6	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-6 / MW-6 10-11'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47005

Sample wt/vol: 5.42 (g/mL) g Lab File ID: 0823_24.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 17 Date Analyzed: 08/23/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.5	U	0.55	5.5	r
74-87-3	Chloromethane	5.5	U	1.1	5.5	r
75-01-4	Vinyl Chloride	5.5	U	0.55	5.5	r
74-83-9	Bromomethane	5.5	U	2.2	5.5	r
75-00-3	Chloroethane	5.5	U	0.55	5.5	r
75-69-4	Trichlorofluoromethane	5.5	U J	1.1	5.5	r
75-35-4	1,1-Dichloroethene	5.5	U	0.55	5.5	r
76-13-1	Trichlorotrifluoroethane	5.5	U	0.55	5.5	r
75-15-0	Carbon Disulfide	5.5	U	1.1	5.5	r
75-09-2	Methylene Chloride	11	U	5.5	11	r
67-64-1	Acetone	28	U	5.5	28	r
156-60-5	Trans-1,2-Dichloroethene	5.5	U	0.55	5.5	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U J	1.1	11	r
75-34-3	1,1-Dichloroethane	5.5	U	1.1	5.5	r
107-13-1	Acrylonitrile	11	U	0.55	11	r
156-59-2	Cis-1,2-Dichloroethene	5.5	U	0.55	5.5	r
594-20-7	2,2-Dichloropropane	5.5	U	0.55	5.5	r
74-97-5	Bromochloromethane	5.5	U	0.55	5.5	r
67-66-3	Chloroform	5.5	U	0.55	5.5	r
56-23-5	Carbon Tetrachloride	5.5	U	1.1	5.5	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.8	11	r
71-55-6	1,1,1-Trichloroethane	5.5	U	0.55	5.5	r
78-93-3	Methyl Ethyl Ketone	28	U	5.5	28	r
563-58-6	1,1-Dichloropropene	5.5	U	0.55	5.5	r
71-43-2	Benzene	5.5	U	0.55	5.5	r
107-06-2	1,2-Dichloroethane	5.5	U	0.55	5.5	r
79-01-6	Trichloroethene	5.5	U	0.55	5.5	r
74-95-3	Dibromomethane	5.5	U	1.1	5.5	r
78-87-5	1,2-dichloropropane	5.5	U	1.1	5.5	r
75-27-4	Bromodichloromethane	5.5	U	1.1	5.5	r
10061-01-5	cis-1,3-Dichloropropene	5.5	U	0.55	5.5	r
108-88-3	Toluene	5.5	U	0.55	5.5	r
108-10-1	4-Methyl-2-Pentanone	28	U	5.5	28	r
127-18-4	Tetrachloroethene	5.5	U	1.1	5.5	r
10061-02-6	trans-1,3-Dichloropropene	5.5	U	0.55	5.5	r
79-00-5	1,1,2-Trichloroethane	5.5	U	1.1	5.5	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analytes Trichlorofluoromethane and Metyl t-Butyl Ether as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

CLIENT ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Client: LABELLA Lab: Phoenix Env. Labs SB-6 / MW-6 14.5-15`

SDG No.: GCR47003 Lab Sample ID: CR47006

Sample wt/vol: 6.29 (g/mL) g Lab File ID: 0823_25.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 18 Date Analyzed: 08/23/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	4.8	U	0.48	4.8	r
74-87-3	Chloromethane	4.8	U	0.96	4.8	r
75-01-4	Vinyl Chloride	4.8	U	0.48	4.8	r
74-83-9	Bromomethane	4.8	U	1.9	4.8	r
75-00-3	Chloroethane	4.8	U	0.48	4.8	r
75-69-4	Trichlorofluoromethane	4.8	UJ	0.96	4.8	r
75-35-4	1,1-Dichloroethene	4.8	U	0.48	4.8	r
76-13-1	Trichlorotrifluoroethane	4.8	U	0.48	4.8	r
75-15-0	Carbon Disulfide	4.8	U	0.96	4.8	r
75-09-2	Methylene Chloride	9.6	U	4.8	9.6	r
67-64-1	Acetone	24	U	4.8	24	r
156-60-5	Trans-1,2-Dichloroethene	4.8	U	0.48	4.8	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	9.6	UJ	0.96	9.6	r
75-34-3	1,1-Dichloroethane	4.8	U	0.96	4.8	r
107-13-1	Acrylonitrile	9.6	U	0.48	9.6	r
156-59-2	Cis-1,2-Dichloroethene	4.8	U	0.48	4.8	r
594-20-7	2,2-Dichloropropane	4.8	U	0.48	4.8	r
74-97-5	Bromochloromethane	4.8	U	0.48	4.8	r
67-66-3	Chloroform	4.8	U	0.48	4.8	r
56-23-5	Carbon Tetrachloride	4.8	U	0.96	4.8	r
109-99-9	Tetrahydrofuran (THF)	9.6	U	2.4	9.6	r
71-55-6	1,1,1-Trichloroethane	4.8	U	0.48	4.8	r
78-93-3	Methyl Ethyl Ketone	24	U	4.8	24	r
563-58-6	1,1-Dichloropropene	4.8	U	0.48	4.8	r
71-43-2	Benzene	4.8	U	0.48	4.8	r
107-06-2	1,2-Dichloroethane	4.8	U	0.48	4.8	r
79-01-6	Trichloroethene	4.8	U	0.48	4.8	r
74-95-3	Dibromomethane	4.8	U	0.96	4.8	r
78-87-5	1,2-dichloropropane	4.8	U	0.96	4.8	r
75-27-4	Bromodichloromethane	4.8	U	0.96	4.8	r
10061-01-5	cis-1,3-Dichloropropene	4.8	U	0.48	4.8	r
108-88-3	Toluene	4.8	U	0.48	4.8	r
108-10-1	4-Methyl-2-Pentanone	24	U	4.8	24	r
127-18-4	Tetrachloroethene	4.8	U	0.96	4.8	r
10061-02-6	trans-1,3-Dichloropropene	4.8	U	0.48	4.8	r
79-00-5	1,1,2-Trichloroethane	4.8	U	0.96	4.8	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

LL TRIP BLANKS

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47007

Sample wt/vol: 5 (g/mL) g Lab File ID: 0823_16.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 0 Date Analyzed: 08/23/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.0	U	0.50	5.0	r
74-87-3	Chloromethane	5.0	U	1.0	5.0	r
75-01-4	Vinyl Chloride	5.0	U	0.50	5.0	r
74-83-9	Bromomethane	5.0	U	2.0	5.0	r
75-00-3	Chloroethane	5.0	U	0.50	5.0	r
75-69-4	Trichlorofluoromethane	5.0	UJ	1.0	5.0	r
75-35-4	1,1-Dichloroethene	5.0	U	0.50	5.0	r
76-13-1	Trichlorotrifluoroethane	5.0	U	0.50	5.0	r
75-15-0	Carbon Disulfide	5.0	U	1.0	5.0	r
75-09-2	Methylene Chloride	10	U	5.0	10	r
67-64-1	Acetone	25	U	5.0	25	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.50	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	UJ	1.0	10	r
75-34-3	1,1-Dichloroethane	5.0	U	1.0	5.0	r
107-13-1	Acrylonitrile	10	U	0.50	10	r
156-59-2	Cis-1,2-Dichloroethene	5.0	U	0.50	5.0	r
594-20-7	2,2-Dichloropropane	5.0	U	0.50	5.0	r
74-97-5	Bromochloromethane	5.0	U	0.50	5.0	r
67-66-3	Chloroform	5.0	U	0.50	5.0	r
56-23-5	Carbon Tetrachloride	5.0	U	1.0	5.0	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.5	10	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.50	5.0	r
78-93-3	Methyl Ethyl Ketone	25	U	5.0	25	r
563-58-6	1,1-Dichloropropene	5.0	U	0.50	5.0	r
71-43-2	Benzene	5.0	U	0.50	5.0	r
107-06-2	1,2-Dichloroethane	5.0	U	0.50	5.0	r
79-01-6	Trichloroethene	5.0	U	0.50	5.0	r
74-95-3	Dibromomethane	5.0	U	1.0	5.0	r
78-87-5	1,2-dichloropropane	5.0	U	1.0	5.0	r
75-27-4	Bromodichloromethane	5.0	U	1.0	5.0	r
10061-01-5	cis-1,3-Dichloropropene	5.0	U	0.50	5.0	r
108-88-3	Toluene	5.0	U	0.50	5.0	r
108-10-1	4-Methyl-2-Pentanone	25	U	5.0	25	r
127-18-4	Tetrachloroethene	5.0	U	1.0	5.0	r
10061-02-6	trans-1,3-Dichloropropene	5.0	U	0.50	5.0	r
79-00-5	1,1,2-Trichloroethane	5.0	U	1.0	5.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-7 / MW-7 7-8`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47008

Sample wt/vol: 5.5 (g/mL) g Lab File ID: 0823_26.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 12 Date Analyzed: 08/23/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.2	U	0.52	5.2	r
74-87-3	Chloromethane	5.2	U	1.0	5.2	r
75-01-4	Vinyl Chloride	5.2	U	0.52	5.2	r
74-83-9	Bromomethane	5.2	U	2.1	5.2	r
75-00-3	Chloroethane	5.2	U	0.52	5.2	r
75-69-4	Trichlorofluoromethane	5.2	UJ	1.0	5.2	r
75-35-4	1,1-Dichloroethene	5.2	U	0.52	5.2	r
76-13-1	Trichlorotrifluoroethane	5.2	U	0.52	5.2	r
75-15-0	Carbon Disulfide	5.2	U	1.0	5.2	r
75-09-2	Methylene Chloride	10	U	5.2	10	r
67-64-1	Acetone	26	U	5.2	26	r
156-60-5	Trans-1,2-Dichloroethene	5.2	U	0.52	5.2	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	UJ	1.0	10	r
75-34-3	1,1-Dichloroethane	5.2	U	1.0	5.2	r
107-13-1	Acrylonitrile	10	U	0.52	10	r
156-59-2	Cis-1,2-Dichloroethene	5.2	U	0.52	5.2	r
594-20-7	2,2-Dichloropropane	5.2	U	0.52	5.2	r
74-97-5	Bromochloromethane	5.2	U	0.52	5.2	r
67-66-3	Chloroform	5.2	U	0.52	5.2	r
56-23-5	Carbon Tetrachloride	5.2	U	1.0	5.2	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.6	10	r
71-55-6	1,1,1-Trichloroethane	5.2	U	0.52	5.2	r
78-93-3	Methyl Ethyl Ketone	26	U	5.2	26	r
563-58-6	1,1-Dichloropropene	5.2	U	0.52	5.2	r
71-43-2	Benzene	5.2	U	0.52	5.2	r
107-06-2	1,2-Dichloroethane	5.2	U	0.52	5.2	r
79-01-6	Trichloroethene	5.2	U	0.52	5.2	r
74-95-3	Dibromomethane	5.2	U	1.0	5.2	r
78-87-5	1,2-dichloropropane	5.2	U	1.0	5.2	r
75-27-4	Bromodichloromethane	5.2	U	1.0	5.2	r
10061-01-5	cis-1,3-Dichloropropene	5.2	U	0.52	5.2	r
108-88-3	Toluene	5.2	U	0.52	5.2	r
108-10-1	4-Methyl-2-Pentanone	26	U	5.2	26	r
127-18-4	Tetrachloroethene	5.2	U	1.0	5.2	r
10061-02-6	trans-1,3-Dichloropropene	5.2	U	0.52	5.2	r
79-00-5	1,1,2-Trichloroethane	5.2	U	1.0	5.2	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-7 / MW-7 11-12'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47009

Sample wt/vol: 5.94 (g/mL) g Lab File ID: 0823_27.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 17 Date Analyzed: 08/23/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.1	U	0.51	5.1	r
74-87-3	Chloromethane	5.1	U	1.0	5.1	r
75-01-4	Vinyl Chloride	5.1	U	0.51	5.1	r
74-83-9	Bromomethane	5.1	U	2.0	5.1	r
75-00-3	Chloroethane	5.1	U	0.51	5.1	r
75-69-4	Trichlorofluoromethane	5.1	U J	1.0	5.1	r
75-35-4	1,1-Dichloroethene	5.1	U	0.51	5.1	r
76-13-1	Trichlorotrifluoroethane	5.1	U	0.51	5.1	r
75-15-0	Carbon Disulfide	5.1	U	1.0	5.1	r
75-09-2	Methylene Chloride	10	U	5.1	10	r
67-64-1	Acetone	25	U	5.1	25	r
156-60-5	Trans-1,2-Dichloroethene	5.1	U	0.51	5.1	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	U J	1.0	10	r
75-34-3	1,1-Dichloroethane	5.1	U	1.0	5.1	r
107-13-1	Acrylonitrile	10	U	0.51	10	r
156-59-2	Cis-1,2-Dichloroethene	5.1	U	0.51	5.1	r
594-20-7	2,2-Dichloropropane	5.1	U	0.51	5.1	r
74-97-5	Bromochloromethane	5.1	U	0.51	5.1	r
67-66-3	Chloroform	5.1	U	0.51	5.1	r
56-23-5	Carbon Tetrachloride	5.1	U	1.0	5.1	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.5	10	r
71-55-6	1,1,1-Trichloroethane	5.1	U	0.51	5.1	r
78-93-3	Methyl Ethyl Ketone	25	U	5.1	25	r
563-58-6	1,1-Dichloropropene	5.1	U	0.51	5.1	r
71-43-2	Benzene	5.1	U	0.51	5.1	r
107-06-2	1,2-Dichloroethane	5.1	U	0.51	5.1	r
79-01-6	Trichloroethene	5.1	U	0.51	5.1	r
74-95-3	Dibromomethane	5.1	U	1.0	5.1	r
78-87-5	1,2-dichloropropane	5.1	U	1.0	5.1	r
75-27-4	Bromodichloromethane	5.1	U	1.0	5.1	r
10061-01-5	cis-1,3-Dichloropropene	5.1	U	0.51	5.1	r
108-88-3	Toluene	5.1	U	0.51	5.1	r
108-10-1	4-Methyl-2-Pentanone	25	U	5.1	25	r
127-18-4	Tetrachloroethene	5.1	U	1.0	5.1	r
10061-02-6	trans-1,3-Dichloropropene	5.1	U	0.51	5.1	r
79-00-5	1,1,2-Trichloroethane	5.1	U	1.0	5.1	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-7 / MW-7 14.5-15`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47010

Sample wt/vol: 6.6 (g/mL) g Lab File ID: 0823_28.D

Level: (low/med/meth): Low Date Received: 08/22/24

% Moisture: 12 Date Analyzed: 08/23/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	4.3	U	0.43	4.3	r
74-87-3	Chloromethane	4.3	U	0.86	4.3	r
75-01-4	Vinyl Chloride	4.3	U	0.43	4.3	r
74-83-9	Bromomethane	4.3	U	1.7	4.3	r
75-00-3	Chloroethane	4.3	U	0.43	4.3	r
75-69-4	Trichlorofluoromethane	4.3	UJ	0.86	4.3	r
75-35-4	1,1-Dichloroethene	4.3	U	0.43	4.3	r
76-13-1	Trichlorotrifluoroethane	4.3	U	0.43	4.3	r
75-15-0	Carbon Disulfide	4.3	U	0.86	4.3	r
75-09-2	Methylene Chloride	8.6	U	4.3	8.6	r
67-64-1	Acetone	22	U	4.3	22	r
156-60-5	Trans-1,2-Dichloroethene	4.3	U	0.43	4.3	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	8.6	UJ	0.86	8.6	r
75-34-3	1,1-Dichloroethane	4.3	U	0.86	4.3	r
107-13-1	Acrylonitrile	8.6	U	0.43	8.6	r
156-59-2	Cis-1,2-Dichloroethene	4.3	U	0.43	4.3	r
594-20-7	2,2-Dichloropropane	4.3	U	0.43	4.3	r
74-97-5	Bromochloromethane	4.3	U	0.43	4.3	r
67-66-3	Chloroform	4.3	U	0.43	4.3	r
56-23-5	Carbon Tetrachloride	4.3	U	0.86	4.3	r
109-99-9	Tetrahydrofuran (THF)	8.6	U	2.2	8.6	r
71-55-6	1,1,1-Trichloroethane	4.3	U	0.43	4.3	r
78-93-3	Methyl Ethyl Ketone	22	U	4.3	22	r
563-58-6	1,1-Dichloropropene	4.3	U	0.43	4.3	r
71-43-2	Benzene	4.3	U	0.43	4.3	r
107-06-2	1,2-Dichloroethane	4.3	U	0.43	4.3	r
79-01-6	Trichloroethene	4.3	U	0.43	4.3	r
74-95-3	Dibromomethane	4.3	U	0.86	4.3	r
78-87-5	1,2-dichloropropane	4.3	U	0.86	4.3	r
75-27-4	Bromodichloromethane	4.3	U	0.86	4.3	r
10061-01-5	cis-1,3-Dichloropropene	4.3	U	0.43	4.3	r
108-88-3	Toluene	4.3	U	0.43	4.3	r
108-10-1	4-Methyl-2-Pentanone	22	U	4.3	22	r
127-18-4	Tetrachloroethene	4.3	U	0.86	4.3	r
10061-02-6	trans-1,3-Dichloropropene	4.3	U	0.43	4.3	r
79-00-5	1,1,2-Trichloroethane	4.3	U	0.86	4.3	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

HL TRIP BLANKS 50X

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47011 50X

Sample wt/vol: 10 (g/mL) g Lab File ID: 0823_15.D

Level: (low/med/meth): Meth Date Received: 08/22/24

% Moisture: 0 Date Analyzed: 08/23/24

Instrument: CHEM14 Column: RTX-VMS Dilution Factor: 50

Soil Extract Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 100 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	250	U	25	250	r
74-87-3	Chloromethane	250	U	50	250	r
75-01-4	Vinyl Chloride	250	U	25	250	r
74-83-9	Bromomethane	250	U	100	250	r
75-00-3	Chloroethane	250	U	25	250	r
75-69-4	Trichlorofluoromethane	250	U J	50	250	r
75-35-4	1,1-Dichloroethene	250	U	25	250	r
76-13-1	Trichlorotrifluoroethane	250	U	25	250	r
75-15-0	Carbon Disulfide	250	U	50	250	r
75-09-2	Methylene Chloride	500	U	250	500	r
67-64-1	Acetone	5000	U	250	5000	r
156-60-5	Trans-1,2-Dichloroethene	250	U	25	250	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	250	U J	50	250	r
75-34-3	1,1-Dichloroethane	250	U	50	250	r
107-13-1	Acrylonitrile	500	U	25	500	r
156-59-2	Cis-1,2-Dichloroethene	250	U	25	250	r
594-20-7	2,2-Dichloropropane	250	U	25	250	r
74-97-5	Bromochloromethane	250	U	25	250	r
67-66-3	Chloroform	250	U	25	250	r
56-23-5	Carbon Tetrachloride	250	U	50	250	r
109-99-9	Tetrahydrofuran (THF)	500	U	130	500	r
71-55-6	1,1,1-Trichloroethane	250	U	25	250	r
78-93-3	Methyl Ethyl Ketone	3000	U	250	3000	r
563-58-6	1,1-Dichloropropene	250	U	25	250	r
71-43-2	Benzene	250	U	25	250	r
107-06-2	1,2-Dichloroethane	250	U	25	250	r
79-01-6	Trichloroethene	250	U	25	250	r
74-95-3	Dibromomethane	250	U	50	250	r
78-87-5	1,2-dichloropropane	250	U	50	250	r
75-27-4	Bromodichloromethane	250	U	50	250	r
10061-01-5	cis-1,3-Dichloropropene	250	U	25	250	r
108-88-3	Toluene	250	U	25	250	r
108-10-1	4-Methyl-2-Pentanone	1300	U	250	1300	r
127-18-4	Tetrachloroethene	250	U	50	250	r
10061-02-6	trans-1,3-Dichloropropene	250	U	25	250	r
79-00-5	1,1,2-Trichloroethane	250	U	50	250	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E SIM, Isotope Dilution

Lab Job ID: GCR47003

Lab ID	Field ID	Collection Date	Matrix
CR47004	SB-6 / MW-6 6-7.5'	8/22/2024	Soil
CR47005	SB-6 / MW-6 10-11'	8/22/2024	Soil
CR47006	SB-6 / MW-6 14.5-15'	8/22/2024	Soil
CR47007	LL TRIP BLANKS	8/22/2024	Soil
CR47008	SB-7 / MW-7 7-8'	8/22/2024	Soil
CR47009	SB-7 / MW-7 11-12'	8/22/2024	Soil
CR47010	SB-7 / MW-7 14.5-15'	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument CHEM19 while some samples were analyzed on CHEM06. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values. No analytes were present. Sample evaluated on CHEM19 had QA/QC samples of blanks and laboratory controls samples were evaluated normally.
- Within ICV of instrument CHEM19 compounds Hexachlorobenzene was not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
- Several compounds did not meet %D criteria within associated CCVs led to qualification of non-detect estimate "UJ" values within samples. Within CHEM06 closing CCV several compounds failed minimum RRF leading to qualification as rejection "R" values within associate sample CR47004-CR47005.
- Hexachlorocyclopentadiene was not within acceptable recovery for matrix samples of SB-8 / MW-8 14'-15' but was qualified as reject by laboratory control sample, no further qualification needed. Benzoic Acid was below QC limits for RPD/recovery led to qualification of analyte as non-detect estimate "UJ" value within sample.
- Within matrix samples Hexachlorocyclopentadiene and Benzoic Acid was outside QC limits for RPD but sample were not part of SDG: GCR47003 thus no qualification is needed.
- Hexachlorocyclopentadiene is qualified as rejected "R" values associated CR47006-CR47010 samples due to recovery below laboratory limits within laboratory control sample CR48036LCS. Benzoic acid had a RPD above laboratory criteria but no qualification is needed.

Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM19 compounds Hexachlorobenzene were not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Several compounds did not meet %D criteria within associated CCVs led to qualification of non-detect estimate "UJ" values within samples. Within CHEM06 closing CCV several compounds failed minimum RRF leading to qualification as rejection "R" values within associate sample CR47004-CR47005. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?				
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			Samples run on instrument CHEM06 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed.
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?	x			Hexachlorocyclopentadiene and Benzoic Acid was outside QC limits for RPD but sample were not part of SDG: GCR74003 thus no qualification is needed.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Samples run on instrument CHEM06 had no LCS run on the instrument, no analytes are detected in any associated samples. Hexachlorocyclopentadiene is qualified as rejected "R" values associated CR47006-CR47010 samples due to recovery below laboratory limits within laboratory control sample CR48036LCS. Benzoic acid had a RPD above laboratory criteria but no qualification is needed. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			

Criteria	Y	N	NA	Comment
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure within continuous calibrations and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

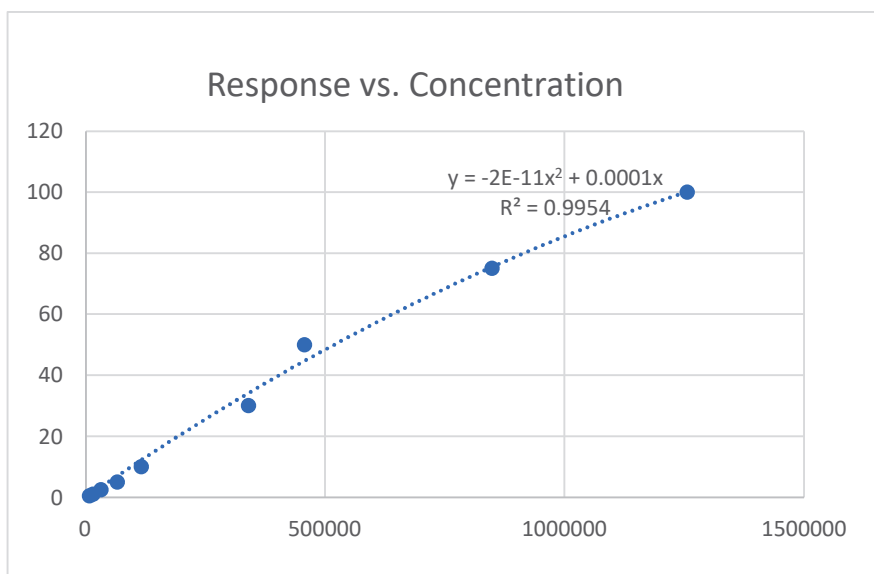
Instrument CHEM06

ICV Date and Time: 08/05/2024 12:24

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	1.688	7088	0.5
L2	1.773	14508	1
L3	1.660	31056	2.5
L4	1.693	65258	5
L5	1.735	115339	10
L6	1.736	339481	30
L7	1.707	456462	50
L8	1.698	847987	75
L9	1.698	1255657	100
average	1.710		
RSD	1.9		



Calculation Spot Check

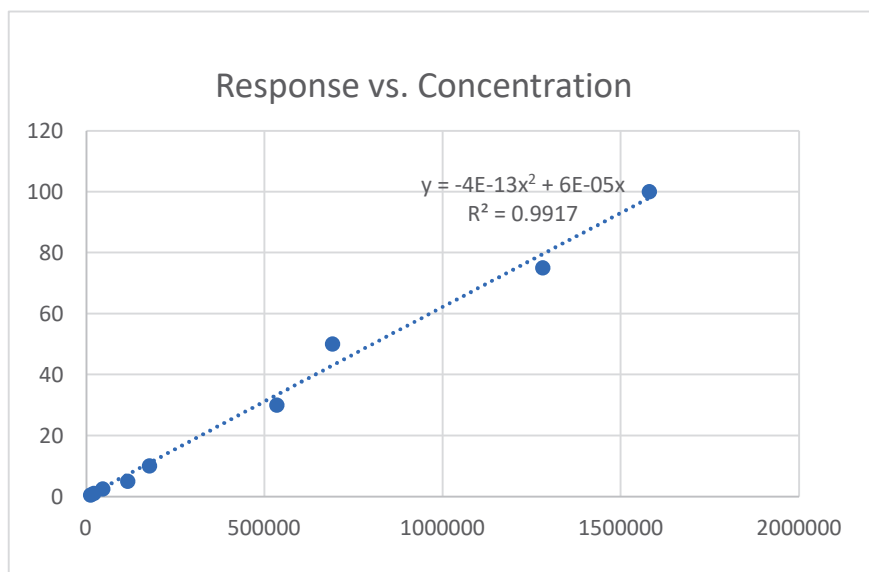
Instrument CHEM19

ICV Date and Time: 07/30/2024 22:11

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	2.225	11529	0.5
L2	1.900	20083	1
L3	1.815	45343	2.5
L4	1.823	116113	5
L5	1.836	176844	10
L6	1.808	534317	30
L7	1.795	690038	50
L8	1.788	1280324	75
L9	1.736	1579334	100
average	1.858		
RSD	7.8		



7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM06 Calibration Date: 08/27/24 Time: 19:54

Lab File Id: 0827_04.D Init. Calib. Date(s): 08/05/24 08/27/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 02:36

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0826.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.305	0.288	0.010	5.6	20 (40)
2,4,6-Trichlorophenol	0.350	0.333	0.200	4.9	20 (40)
2,4,5-Trichlorophenol	0.388	0.353	0.200	9.0	20 (40)
2-Chloronaphthalene	1.208	1.157	0.800	4.2	20 (40)
4-Nitroaniline	0.497	0.463	0.010	6.8	20 (40)
Dimethylphthalate	1.410	1.364	0.010	3.3	20 (40)
2,6-Dinitrotoluene	0.291	0.290	0.200	0.3	20 (40)
Acenaphthylene	1.953	1.970	0.900	-0.9	20 (40)
3-Nitroaniline	0.329	0.274	0.010	16.7	20 (40)
Acenaphthene	1.147	1.107	0.900	3.5	20 (40)
2,4-Dinitrophenol qi	30	25.99		13.4	20
Dibenzofuran	1.660	1.629	0.800	1.9	20 (40)
2,4-Dinitrotoluene	0.420	0.424	0.200	-1.0	20 (40)
4-Nitrophenol qi	30	26.01		13.3	20
Diethyl phthalate	1.542	1.509	0.010	2.1	20 (40)
Fluorene	1.470	1.457	0.900	0.9	20 (40)
4-Chlorophenyl phenyl ether qi	30	30.72		-2.4	20
2-Nitroaniline	0.419	0.283	0.010	32.5 +	20 (40)
4,6-Dinitro-2-methylphenol qi	30	28.72		4.3	20
N-Nitrosodiphenylamine	0.961	0.919	0.010	4.4	20 (40)
Azobenzene	1.826	1.609	0.010	11.9	20 (40)
4-Bromophenyl phenyl ether	0.210	0.211	0.100	-0.5	20 (40)
Hexachlorobenzene	0.168	0.159	0.100	5.4	20 (40)
Pentachlorophenol qi	30	31.14		-3.8	20
Pentachloronitrobenzene	0.111	0.104	0.010	6.3	20 (40)
Phenanthrene	1.115	1.061	0.700	4.8	20 (40)
Anthracene	1.120	1.123	0.700	-0.3	20 (40)
Carbazole	1.069	1.033	0.010	3.4	20 (40)
Di-n-butylphthalate	1.485	1.526	0.010	-2.8	20 (40)
Fluoranthene	1.213	1.200	0.600	1.1	20 (40)
Pyrene	1.268	1.251	0.600	1.3	20 (40)
Benzyl butyl phthalate	0.843	0.837	0.010	0.7	20 (40)
Bis(2-ethylhexyl)phthalate	1.088	1.059	0.010	2.7	20 (40)
Benz(a)anthracene	1.329	1.273	0.800	4.2	20 (40)
Chrysene	1.176	1.129	0.700	4.0	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCR47003
Instrument:	CHEM06		Calibration Date:	08/27/24	Time: 19:54
Lab File Id:	0827_04.D		Init. Calib. Date(s):	08/05/24	08/27/24
Heated Purge (Y/N):	n.a.		Init. Calib. Times:	23:24	02:36
GC Column:	RXI-SVOCMS 16623		Method File: 6 SVFULL 0826.M		

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (%) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(li) linear (li2) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment: Qualification of analyte as non-detect estimate "UJ" values within associated samples (CR47004 and CR47005) is due to %D results above laboratory limit. Qualification of other analytes as rejected "R" values is due RRF not meeting minimum values within CCV.

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM06 Calibration Date: 08/28/24 Time: 06:34

Lab File Id: 0827_31.D Init. Calib. Date(s): 08/05/24 08/27/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 02:36

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0826.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
N-Nitrosodimethylamine	0.842	0.788	0.010	6.4	50
Pyridine	1.601	1.331	0.010	16.9	50
Phenol	1.710	1.658	0.010	3.0	50
Bis(2-chloroethyl)ether	1.005	0.922	0.010	8.3	50
Aniline	1.914	1.956	0.010	-2.2	50
2-Chlorophenol	1.408	1.370	0.010	2.7	50
1,3-Dichlorobenzene	1.567	1.457	0.010	7.0	50
1,4-Dichlorobenzene	1.582	1.472	0.010	7.0	50
1,2-Dichlorobenzene	1.488	1.393	0.010	6.4	50
2-Methylphenol (o-cresol)	1.090	1.073	0.010	1.6	50
Bis(2-chloroisopropyl)ether	2.091	1.994	0.010	4.6	50
N-Nitrosodi-n-propylamine	1.030	1.072	0.010	-4.1	50
3&4-Methylphenol (m&p-cresol)	1.235	1.379	0.010	-11.7	50
Acetophenone	2.072	2.054	0.010	0.9	50
Hexachloroethane	0.749	0.301	0.010	59.8 #	50
Nitrobenzene	1.557	1.626	0.010	-4.4	50
Isophorone	0.763	0.719	0.010	5.8	50
2-Nitrophenol	0.132	0.103	0.010	22.0	50
2,4-Dimethylphenol	0.391	0.387	0.010	1.0	50
Bis(2-chloroethoxy)methane	0.405	0.375	0.010	7.4	50
Benzoic Acid qi	30	28.42		5.3	20
2,4-Dichlorophenol	0.309	0.277	0.010	10.4	50
1,2,4-Trichlorobenzene	0.315	0.289	0.010	8.3	50
Naphthalene qi	30	29.61		1.3	20
4-Chloroaniline	0.164	0.173	0.010	-5.5	50
Hexachlorobutadiene	0.180	0.175	0.010	2.8	50
4-Chloro-3-methylphenol	0.346	0.358	0.010	-3.5	50
2-Methylnaphthalene	0.728	0.737	0.010	-1.2	50
Hexachlorocyclopentadiene qi	30	0.95		96.8 #	20
1,2,4,5-Tetrachlorobenzene	0.305	0.297	0.010	2.6	50
2,4,6-Trichlorophenol	0.350	0.336	0.010	4.0	50
2,4,5-Trichlorophenol	0.388	0.362	0.010	6.7	50
2-Chloronaphthalene	1.208	1.120	0.010	7.3	50
4-Nitroaniline	0.497	0.462	0.010	7.0	50
Dimethylphthalate	1.410	1.383	0.010	1.9	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM06 Calibration Date: 08/28/24 Time: 06:34

Lab File Id: 0827_31.D Init. Calib. Date(s): 08/05/24 08/27/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 02:36

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0826.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.291	0.244	0.010	16.2	50
Acenaphthylene	1.953	1.956	0.010	-0.2	50
3-Nitroaniline	0.329	0.350	0.010	-6.4	50
Acenaphthene	1.147	1.108	0.010	3.4	50
2,4-Dinitrophenol qi	30	1.64		94.5 #	20
Dibenzofuran	1.660	1.643	0.010	1.0	50
2,4-Dinitrotoluene	0.420	0.364	0.010	13.3	50
4-Nitrophenol qi	30	30.21		-0.7	20
Diethyl phthalate	1.542	1.550	0.010	-0.5	50
Fluorene	1.470	1.538	0.010	-4.6	50
4-Chlorophenyl phenyl ether qi	30	31.14		-3.8	20
2-Nitroaniline	0.419	0.522	0.010	-24.6	50
4,6-Dinitro-2-methylphenol qi	30	1.79		94.0 #	20
N-Nitrosodiphenylamine	0.961	0.990	0.010	-3.0	50
Azobenzene	1.826	1.686	0.010	7.7	50
4-Bromophenyl phenyl ether	0.210	0.211	0.010	-0.5	50
Hexachlorobenzene	0.168	0.164	0.010	2.4	50
Pentachlorophenol qi	30	32.59		-8.6	20
Pentachloronitrobenzene	0.111	0.093	0.010	16.2	50
Phenanthrene	1.115	1.078	0.010	3.3	50
Anthracene	1.120	1.107	0.010	1.2	50
Carbazole	1.069	1.050	0.010	1.8	50
Di-n-butylphthalate	1.485	1.499	0.010	-0.9	50
Fluoranthene	1.213	1.092	0.010	10.0	50
Pyrene	1.268	1.143	0.010	9.9	50
Benzyl butyl phthalate	0.843	0.859	0.010	-1.9	50
Bis(2-ethylhexyl)phthalate	1.088	1.159	0.010	-6.5	50
Benz(a)anthracene	1.329	1.226	0.010	7.8	50
Chrysene	1.176	1.135	0.010	3.5	50
Di-n-octylphthalate	1.942	2.106	0.010	-8.4	50
3,3'-dichlorobenzidine	0.451	0.286	0.010	36.6	50
Benzo(b)fluoranthene	1.264	1.255	0.010	0.7	50
Benzo(k)fluoranthene	1.246	1.243	0.010	0.2	50
Benzo(a)pyrene	1.135	1.124	0.010	1.0	50
Indeno(1,2,3-cd)pyrene	1.306	1.222	0.010	6.4	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM19 Calibration Date: 08/26/24 Time: 21:31

Lab File Id: 0826_18.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND		RRF	RRF30	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4	(IS Areas & Pct)	394041	644246	n.a.	163.5	50-200
Naphthalene-d8	(IS Areas & Pct)	1656446	2332709	n.a.	140.8	50-200
Acenaphthene-d10	(IS Areas & Pct)	829627	1258295	n.a.	151.7	50-200
Phenanthrene-d10	(IS Areas & Pct)	1497999	2242523	n.a.	149.7	50-200
Chrysene-d12	(IS Areas & Pct)	1283246	1863390	n.a.	145.2	50-200
Perylene-d12	(IS Areas & Pct)	1327282	1914246	n.a.	144.2	50-200
N-Nitrosodimethylamine		1.035	0.828	0.010	20.0	20 (40)
Pyridine		1.816	1.482	0.010	18.4	20 (40)
Phenol		1.858	1.773	0.800	4.6	20 (40)
Bis(2-chloroethyl)ether		1.230	0.940	0.700	23.6 +	20 (40)
Aniline		2.271	1.997	0.010	12.1	20 (40)
2-Chlorophenol		1.464	1.335	0.800	8.8	20 (40)
1,3-Dichlorobenzene		1.627	1.465	0.010	10.0	20 (40)
1,4-Dichlorobenzene		1.635	1.496	0.010	8.5	20 (40)
1,2-Dichlorobenzene		1.553	1.413	0.010	9.0	20 (40)
2-Methylphenol (o-cresol)		1.190	1.029	0.700	13.5	20 (40)
Bis(2-chloroisopropyl)ether		2.701	1.790	0.010	33.7 +	20 (40)
N-Nitrosodi-n-propylamine		1.099	0.931	0.500	15.3	20 (40)
3&4-Methylphenol (m&p-cresol)		1.370	1.197	0.600	12.6	20 (40)
Acetophenone		2.085	1.800	0.010	13.7	20 (40)
Hexachloroethane		0.646	0.570	0.300	11.8	20 (40)
Nitrobenzene		1.621	1.354	0.200	16.5	20 (40)
Isophorone		0.694	0.681	0.400	1.9	20 (40)
2-Nitrophenol	qi	30	29.22		2.6	20
2,4-Dimethylphenol	qi	30	32.05		-6.8	20
Bis(2-chloroethoxy)methane		0.406	0.407	0.300	-0.2	20 (40)
Benzoic Acid	qi	30	35.12		-17.1	20
2,4-Dichlorophenol		0.271	0.284	0.200	-4.8	20 (40)
1,2,4-Trichlorobenzene		0.286	0.316	0.010	-10.5	20 (40)
Naphthalene		1.041	1.086	0.700	-4.3	20 (40)
4-Chloroaniline		0.133	0.135	0.010	-1.5	20 (40)
Hexachlorobutadiene		0.135	0.157	0.010	-16.3	20 (40)
4-Chloro-3-methylphenol		0.297	0.298	0.200	-0.3	20 (40)
2-Methylnaphthalene		0.674	0.709	0.400	-5.2	20 (40)
Hexachlorocyclopentadiene		0.162	0.135	0.050	16.7	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

Instrument: CHEM19 Calibration Date: 08/26/24 Time: 21:31

Lab File Id: 0826_18.D Init. Calib. Date(s): 07/30/24 08/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 22:11 15:11

GC Column: RXI-SVOCMS 16623 Method File: 19_SVFULL_0809.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.295	0.309	0.010	-4.7	20 (40)
2,4,6-Trichlorophenol	0.359	0.357	0.200	0.6	20 (40)
2,4,5-Trichlorophenol	0.395	0.375	0.200	5.1	20 (40)
2-Chloronaphthalene	1.184	1.185	0.800	-0.1	20 (40)
4-Nitroaniline	0.447	0.383	0.010	14.3	20 (40)
Dimethylphthalate	1.336	1.351	0.010	-1.1	20 (40)
2,6-Dinitrotoluene	0.296	0.305	0.200	-3.0	20 (40)
Acenaphthylene	2.043	2.009	0.900	1.7	20 (40)
3-Nitroaniline qi	30	25.37		15.4	20
Acenaphthene	1.191	1.094	0.900	8.1	20 (40)
2,4-Dinitrophenol qi	30	26.39		12.0	20
Dibenzofuran	1.690	1.689	0.800	0.1	20 (40)
2,4-Dinitrotoluene qi	30	30.58		-1.9	20
4-Nitrophenol qi	30	21.01		30.0 #	20
Diethyl phthalate	1.329	1.326	0.010	0.2	20 (40)
Fluorene	1.399	1.386	0.900	0.9	20 (40)
4-Chlorophenyl phenyl ether	0.627	0.642	0.400	-2.4	20 (40)
2-Nitroaniline qi	30	23.04		23.2 #	20
4,6-Dinitro-2-methylphenol qi	30	31.11		-3.7	20
N-Nitrosodiphenylamine	0.996	0.971	0.010	2.5	20 (40)
Azobenzene	1.619	1.337	0.010	17.4	20 (40)
4-Bromophenyl phenyl ether	0.185	0.196	0.100	-5.9	20 (40)
Hexachlorobenzene	0.094	0.084	* 0.100	10.6	20 (40)
Pentachlorophenol qi	30	29.53		1.6	20
Pentachloronitrobenzene	0.064	0.059	0.010	7.8	20 (40)
Phenanthrene	1.113	1.077	0.700	3.2	20 (40)
Anthracene	1.127	1.108	0.700	1.7	20 (40)
Carbazole	1.089	1.039	0.010	4.6	20 (40)
Di-n-butylphthalate	1.271	1.279	0.010	-0.6	20 (40)
Fluoranthene	1.195	1.167	0.600	2.3	20 (40)
Pyrene	1.259	1.212	0.600	3.7	20 (40)
Benzyl butyl phthalate qi	30	28.88		3.7	20
Bis(2-ethylhexyl)phthalate qi	30	28.90		3.7	20
Benz(a)anthracene	1.285	1.259	0.800	2.0	20 (40)
Chrysene	1.252	1.232	0.700	1.6	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:		SAS No.:	
				SDG No.:	GCR47003
Instrument:	CHEM19		Calibration Date:	08/26/24	Time: 21:31
Lab File Id:	0826_18.D		Init. Calib. Date(s):	07/30/24	08/09/24
Heated Purge (Y/N):	n.a.		Init. Calib. Times:	22:11	15:11
GC Column:	RXI-SVOCMS 16623		Method File:	19 SVFULL 0809.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (%) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(li) linear (li2) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within sampled (CR47006-CR47010). Benzoic acid had a RPD above laboratory criteria but no qualification is needed.

3D

SOIL SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: SAS No: SDG No GCR47003

LCS Spike - Client Id: CR46893 LCS Level:(low/med)

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.		
Bis(2-chloroethoxy)methane	3333	0.0	2219	67	30	130	
Benzoic Acid	3333	0.0	1165	35	30	130	
2,4-Dichlorophenol	3333	0.0	2552	77	30	130	
1,2,4-Trichlorobenzene	3333	0.0	1903	57	30	130	
Naphthalene	3333	0.0	1873	56	30	130	
4-Chloroaniline	3333	0.0	2214	66	30	130	
Hexachlorobutadiene	3333	0.0	1857	56	30	130	
4-Chloro-3-methylphenol	3333	0.0	2727	82	30	130	
2-Methylnaphthalene	3333	0.0	2115	63	30	130	
Hexachlorocyclopentadiene	3333	0.0	981.6	29 *	30	130	
1,2,4,5-Tetrachlorobenzene	3333	0.0	1981	59	30	130	
2,4,6-Trichlorophenol	3333	0.0	2523	76	30	130	
2,4,5-Trichlorophenol	3333	0.0	2449	73	30	130	
2-Chloronaphthalene	3333	0.0	2145	64	30	130	
4-Nitroaniline	3333	0.0	2235	67	30	130	
Dimethylphthalate	3333	0.0	2594	78	30	130	
2,6-Dinitrotoluene	3333	0.0	2652	80	30	130	
Acenaphthylene	3333	0.0	1869	56	30	130	
3-Nitroaniline	3333	0.0	2926	88	30	130	
COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Bis(2-chloroethoxy)methane	3333	2160	65	3.0		30	130
Benzoic Acid	3333	2153	65	60.0 *		30	130
2,4-Dichlorophenol	3333	2481	74	4.0		30	130
1,2,4-Trichlorobenzene	3333	2074	62	8.4		30	130
Naphthalene	3333	1972	59	5.2		30	130
4-Chloroaniline	3333	2130	64	3.1		30	130
Hexachlorobutadiene	3333	2106	63	11.8		30	130
4-Chloro-3-methylphenol	3333	2740	82	0.0		30	130
2-Methylnaphthalene	3333	2193	66	4.7		30	130
Hexachlorocyclopentadiene	3333	1168	35	18.8		30	130
1,2,4,5-Tetrachlorobenzene	3333	2174	65	9.7		30	130
2,4,6-Trichlorophenol	3333	2596	78	2.6		30	130
2,4,5-Trichlorophenol	3333	2560	77	5.3		30	130
2-Chloronaphthalene	3333	2256	68	6.1		30	130
4-Nitroaniline	3333	2234	67	0.0		30	130
Dimethylphthalate	3333	2606	78	0.0		30	130
2,6-Dinitrotoluene	3333	2727	82	2.5		30	130
Acenaphthylene	3333	1986	60	6.9		30	130
3-Nitroaniline	3333	2897	87	1.1		30	130

FORM III SV

1

CLIENT ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB-6 / MW-6 6-7.5'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47004

Sample wt/vol: 15.35 (g/mL) g Lab File ID: 0827_11.D

Concentrated Extract Volume: 1000 (uL) Date Received: 08/22/24

% Moisture: 14 Date Extracted: 08/26/24

Instrument: CHEM06 Inj. Vol. 1.0 (uL) Date Analyzed: 08/27/24

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Soil CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	380	U	110	380	r
110-86-1	Pyridine	380	U	93	380	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	380	U	100	380	r
62-53-3	Aniline	380	U	150	380	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	150	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	120	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	380	U	150	380	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U J	110	270	r
98-95-3	Nitrobenzene	270	U	130	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	150	270	r
105-67-9	2,4-Dimethylphenol	270	U	94	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	100	270	r
65-85-0	Benzoic Acid	760	U	150	760	r
120-83-2	2,4-Dichlorophenol	270	U	130	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	110	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	150	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	130	270	r
91-57-6	2-Methylnaphthalene	270	U	110	270	r
77-47-4	Hexachlorocyclopentadiene	270	U R	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	91	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	98	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	610	U	130	610	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-6 / MW-6 6-7.5'	
SDG No.:	GCR47003	Lab Sample ID:	CR47004		
Sample wt/vol:	15.35 (g/mL)	g	Lab File ID:	0827_11.D	
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/22/24	
% Moisture:	14		Date Extracted:	08/26/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	380	U	150	380	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	380	U	R 190	380	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	U	76	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	120	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	380	U J	150	380	r
534-52-1	4,6-Dinitro-2-methylphenol	380	U	R 150	380	r
86-30-6	N-Nitrosodiphenylamine	380	U	150	380	r
122-66-7	Azobenzene	380	U	150	380	r
101-55-3	4-Bromophenyl phenyl ether	380	U	110	380	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	380	U	140	380	r
82-68-8	Pentachloronitrobenzene	380	U	110	380	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	120	270	r
86-74-8	Carbazole	380	U	150	380	r
84-74-2	Di-n-butylphthalate	380	U	150	380	r
206-44-0	Fluoranthene	270	U	120	270	r
92-87-5	Benzidine	270	U	150	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	98	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	380	U	110	380	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U	98	270	r
91-94-1	3,3'-dichlorobenzidine	270	U J	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	120	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV on CHEM06. Qualification of other analytes as rejected "R" values is due RRF not meeting minimum values.

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT ID SB-6 / MW-6 10-11'			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR47003	Lab Sample ID:	CR47005
Sample wt/vol:	15.21 (g/mL) g	Lab File ID:	0827_12.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/22/24
% Moisture:	17	Date Extracted:	08/26/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed: 08/27/24
GPC Cleanup:(Y/N)	N	pH: 	Dilution Factor: 1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U	97	400	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	U	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	UJ	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	98	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	790	U	160	790	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	110	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U	R 120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	95	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	630	U	130	630	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47005

Sample wt/vol: 15.21 (g/mL) g Lab File ID: 0827_12.D

Concentrated Extract Volume: 1000 (uL) Date Received: 08/22/24

% Moisture: 17 Date Extracted: 08/26/24

Instrument: CHEM06 Inj. Vol. 1.0 (uL) Date Analyzed: 08/27/24

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Soil CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	U	R 200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U	79	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	400	U J	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	U	R 160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	150	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	110	400	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U J	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV on CHEM19. Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value .

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET				CLIENT ID			
Client:	LABELLA		Lab:	Phoenix Env. Labs		SB-6 / MW-6 14.5-15`	
SDG No.:	GCR47003		Lab Sample ID:	CR47006			
Sample wt/vol:	15.41	(g/mL)	g	Lab File ID:	0826_27.D		
Concentrated Extract Volume:	1000	(uL)		Date Received:	08/22/24		
% Moisture:	18			Date Extracted:	08/26/24		
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:	08/27/24		
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1		
Matrix: (soil/water)	Soil		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg				

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U	97	400	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	U J	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U J	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	98	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	790	U	160	790	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	110	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U R	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	95	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	630	U	130	630	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-6 / MW-6 14.5-15`
SDG No.:	<u>GCR47003</u>	Lab Sample ID:	<u>CR47006</u>	
Sample wt/vol:	<u>15.41</u> (g/mL) <u>g</u>	Lab File ID:	<u>0826_27.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/22/24</u>	
% Moisture:	<u>18</u>	Date Extracted:	<u>08/26/24</u>	
Instrument:	<u>CHEM19</u>	Inj. Vol. <u>1.0</u> (uL)	Date Analyzed:	<u>08/27/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u></u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	U	200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U	79	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	400	U	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	U	160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	150	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	110	400	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV on CHEM19. Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value .

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT ID SB-7 / MW-7 7-8`			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR47003	Lab Sample ID:	CR47008
Sample wt/vol:	15.02 (g/mL) g	Lab File ID:	0826_28.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/22/24
% Moisture:	12	Date Extracted:	08/26/24
Instrument:	CHEM19	Inj. Vol. 1.0 (uL)	Date Analyzed: 08/27/24
GPC Cleanup:(Y/N)	N	pH: 	Dilution Factor: 1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	380	U	110	380	r
110-86-1	Pyridine	380	U	93	380	r
108-95-2	Phenol	260	U	120	260	r
111-44-4	Bis(2-chloroethyl)ether	380	U J	100	380	r
62-53-3	Aniline	380	U	150	380	r
95-57-8	2-Chlorophenol	260	U	110	260	r
541-73-1	1,3-Dichlorobenzene	260	U	110	260	r
106-46-7	1,4-Dichlorobenzene	260	U	110	260	r
95-50-1	1,2-Dichlorobenzene	260	U	110	260	r
95-48-7	2-Methylphenol (o-cresol)	260	U	150	260	r
108-60-1	Bis(2-chloroisopropyl)ether	260	U J	110	260	r
621-64-7	N-Nitrosodi-n-propylamine	260	U	120	260	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	380	U	150	380	r
98-86-2	Acetophenone	260	U	120	260	r
67-72-1	Hexachloroethane	260	U	110	260	r
98-95-3	Nitrobenzene	260	U	130	260	r
78-59-1	Isophorone	260	U	110	260	r
88-75-5	2-Nitrophenol	260	U	150	260	r
105-67-9	2,4-Dimethylphenol	260	U	94	260	r
111-91-1	Bis(2-chloroethoxy)methane	260	U	100	260	r
65-85-0	Benzoic Acid	760	U	150	760	r
120-83-2	2,4-Dichlorophenol	260	U	130	260	r
120-82-1	1,2,4-Trichlorobenzene	260	U	110	260	r
91-20-3	Naphthalene	260	U	110	260	r
106-47-8	4-Chloroaniline	260	U	150	260	r
87-68-3	Hexachlorobutadiene	260	U	140	260	r
59-50-7	4-Chloro-3-methylphenol	260	U	130	260	r
91-57-6	2-Methylnaphthalene	260	U	110	260	r
77-47-4	Hexachlorocyclopentadiene	260	U	R 120	260	r
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	91	260	r
88-06-2	2,4,6-Trichlorophenol	260	U	120	260	r
95-95-4	2,4,5-Trichlorophenol	260	U	98	260	r
91-58-7	2-Chloronaphthalene	260	U	110	260	r
100-01-6	4-Nitroaniline	610	U	130	610	r
131-11-3	Dimethylphthalate	260	U	120	260	r
606-20-2	2,6-Dinitrotoluene	260	U	120	260	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-7 / MW-7 7-8`	
SDG No.:	GCR47003	Lab Sample ID:	CR47008		
Sample wt/vol:	15.02 (g/mL)	g	Lab File ID:	0826_28.D	
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/22/24	
% Moisture:	12		Date Extracted:	08/26/24	
Instrument:	CHEM19	Inj. Vol.	1.0 (uL)	Date Analyzed:	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	260	U	110	260	r
99-09-2	3-Nitroaniline	380	U	150	380	r
83-32-9	Acenaphthene	260	U	120	260	r
51-28-5	2,4-Dinitrophenol	380	U	190	380	r
132-64-9	Dibenzofuran	260	U	110	260	r
121-14-2	2,4-Dinitrotoluene	260	U	150	260	r
100-02-7	4-Nitrophenol	260	U J	76	260	r
84-66-2	Diethyl phthalate	260	U	120	260	r
86-73-7	Fluorene	260	U	120	260	r
7005-72-3	4-Chlorophenyl phenyl ether	260	U	130	260	r
88-74-4	2-Nitroaniline	380	U J	150	380	r
534-52-1	4,6-Dinitro-2-methylphenol	380	U	150	380	r
86-30-6	N-Nitrosodiphenylamine	380	U	150	380	r
122-66-7	Azobenzene	380	U	150	380	r
101-55-3	4-Bromophenyl phenyl ether	380	U	110	380	r
118-74-1	Hexachlorobenzene	260	U	110	260	r
87-86-5	Pentachlorophenol	380	U	140	380	r
82-68-8	Pentachloronitrobenzene	380	U	110	380	r
85-01-8	Phenanthrene	260	U	110	260	r
120-12-7	Anthracene	260	U	120	260	r
86-74-8	Carbazole	380	U	150	380	r
84-74-2	Di-n-butylphthalate	380	U	150	380	r
206-44-0	Fluoranthene	260	U	120	260	r
92-87-5	Benzidine	260	U	150	260	r
129-00-0	Pyrene	260	U	130	260	r
85-68-7	Benzyl butyl phthalate	260	U	98	260	r
117-81-7	Bis(2-ethylhexyl)phthalate	380	U	110	380	r
56-55-3	Benz(a)anthracene	260	U	130	260	r
218-01-9	Chrysene	260	U	130	260	r
117-84-0	Di-n-octylphthalate	260	U	98	260	r
91-94-1	3,3'-dichlorobenzidine	260	U J	180	260	r
205-99-2	Benzo(b)fluoranthene	260	U	130	260	r
207-08-9	Benzo(k)fluoranthene	260	U	130	260	r
50-32-8	Benzo(a)pyrene	260	U	120	260	r
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	130	260	r
53-70-3	Dibenz(a,h)anthracene	260	U	120	260	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV on CHEM19. Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value .

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID
SB-7 / MW-7 11-12'

Client: LABELLA

Lab: Phoenix Env. Labs

SDG No.: GCR47003

Lab Sample ID: CR47009

Sample wt/vol: 15.15 (g/mL) g

Lab File ID: 0826_32.D

Concentrated Extract Volume: 1000 (uL)

Date Received: 08/22/24

% Moisture: 17

Date Extracted: 08/26/24

Instrument: CHEM19

Inj. Vol. 1.0 (uL)

Date Analyzed: 08/27/24

GPC Cleanup:(Y/N) N

pH:

Dilution Factor: 1

Matrix: (soil/water) Soil

CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U	98	400	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	U J	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U J	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	99	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	800	U	160	800	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	110	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U R	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	95	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	640	U	130	640	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-7 / MW-7 11-12'
SDG No.:	GCR47003	Lab Sample ID:	CR47009	
Sample wt/vol:	15.15 (g/mL)	g	Lab File ID:	0826_32.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/22/24
% Moisture:	17		Date Extracted:	08/26/24
Instrument:	CHEM19	Inj. Vol. 1.0 (uL)	Date Analyzed:	08/27/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	U	200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U J	80	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	400	U J	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	U	160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	150	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	110	400	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U J	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer comment: Qualification analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV on CHEM19. Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value .

1

CLIENT ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB-7 / MW-7 14.5-15`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR47003 Lab Sample ID: CR47010

Sample wt/vol: 15.28 (g/mL) g Lab File ID: 0826_33.D

Concentrated Extract Volume: 1000 (uL) Date Received: 08/22/24

% Moisture: 12 Date Extracted: 08/26/24

Instrument: CHEM19 Inj. Vol. 1.0 (uL) Date Analyzed: 08/27/24

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Soil CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	370	U	100	370	r
110-86-1	Pyridine	370	U	91	370	r
108-95-2	Phenol	260	U	120	260	r
111-44-4	Bis(2-chloroethyl)ether	370	UJ	100	370	r
62-53-3	Aniline	370	U	150	370	r
95-57-8	2-Chlorophenol	260	U	110	260	r
541-73-1	1,3-Dichlorobenzene	260	U	110	260	r
106-46-7	1,4-Dichlorobenzene	260	U	110	260	r
95-50-1	1,2-Dichlorobenzene	260	U	100	260	r
95-48-7	2-Methylphenol (o-cresol)	260	U	150	260	r
108-60-1	Bis(2-chloroisopropyl)ether	260	UJ	100	260	r
621-64-7	N-Nitrosodi-n-propylamine	260	U	120	260	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	370	U	150	370	r
98-86-2	Acetophenone	260	U	120	260	r
67-72-1	Hexachloroethane	260	U	110	260	r
98-95-3	Nitrobenzene	260	U	130	260	r
78-59-1	Isophorone	260	U	100	260	r
88-75-5	2-Nitrophenol	260	U	150	260	r
105-67-9	2,4-Dimethylphenol	260	U	92	260	r
111-91-1	Bis(2-chloroethoxy)methane	260	U	100	260	r
65-85-0	Benzoic Acid	740	U	150	740	r
120-83-2	2,4-Dichlorophenol	260	U	130	260	r
120-82-1	1,2,4-Trichlorobenzene	260	U	110	260	r
91-20-3	Naphthalene	260	U	110	260	r
106-47-8	4-Chloroaniline	260	U	150	260	r
87-68-3	Hexachlorobutadiene	260	U	130	260	r
59-50-7	4-Chloro-3-methylphenol	260	U	130	260	r
91-57-6	2-Methylnaphthalene	260	U	110	260	r
77-47-4	Hexachlorocyclopentadiene	260	U	R 110	260	r
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	89	260	r
88-06-2	2,4,6-Trichlorophenol	260	U	120	260	r
95-95-4	2,4,5-Trichlorophenol	260	U	97	260	r
91-58-7	2-Chloronaphthalene	260	U	110	260	r
100-01-6	4-Nitroaniline	590	U	120	590	r
131-11-3	Dimethylphthalate	260	U	120	260	r
606-20-2	2,6-Dinitrotoluene	260	U	120	260	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-7 / MW-7 14.5-15`
SDG No.:	<u>GCR47003</u>	Lab Sample ID:	<u>CR47010</u>	
Sample wt/vol:	<u>15.28</u> (g/mL) <u>g</u>	Lab File ID:	<u>0826_33.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/22/24</u>	
% Moisture:	<u>12</u>	Date Extracted:	<u>08/26/24</u>	
Instrument:	<u>CHEM19</u>	Inj. Vol.	<u>1.0</u> (uL)	Date Analyzed: <u>08/27/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH:	<u></u>	Dilution Factor: <u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	260	U	100	260	r
99-09-2	3-Nitroaniline	370	U	150	370	r
83-32-9	Acenaphthene	260	U	110	260	r
51-28-5	2,4-Dinitrophenol	370	U	190	370	r
132-64-9	Dibenzofuran	260	U	110	260	r
121-14-2	2,4-Dinitrotoluene	260	U	150	260	r
100-02-7	4-Nitrophenol	260	UJ	74	260	r
84-66-2	Diethyl phthalate	260	U	120	260	r
86-73-7	Fluorene	260	U	120	260	r
7005-72-3	4-Chlorophenyl phenyl ether	260	U	120	260	r
88-74-4	2-Nitroaniline	370	UJ	150	370	r
534-52-1	4,6-Dinitro-2-methylphenol	370	U	150	370	r
86-30-6	N-Nitrosodiphenylamine	370	U	140	370	r
122-66-7	Azobenzene	370	U	150	370	r
101-55-3	4-Bromophenyl phenyl ether	370	U	110	370	r
118-74-1	Hexachlorobenzene	260	U	110	260	r
87-86-5	Pentachlorophenol	370	U	140	370	r
82-68-8	Pentachloronitrobenzene	370	U	110	370	r
85-01-8	Phenanthrene	260	U	110	260	r
120-12-7	Anthracene	260	U	120	260	r
86-74-8	Carbazole	370	U	150	370	r
84-74-2	Di-n-butylphthalate	370	U	150	370	r
206-44-0	Fluoranthene	260	U	120	260	r
92-87-5	Benzidine	260	U	150	260	r
129-00-0	Pyrene	260	U	130	260	r
85-68-7	Benzyl butyl phthalate	260	U	96	260	r
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	110	370	r
56-55-3	Benz(a)anthracene	260	U	120	260	r
218-01-9	Chrysene	260	U	120	260	r
117-84-0	Di-n-octylphthalate	260	U	96	260	r
91-94-1	3,3'-dichlorobenzidine	260	UJ	180	260	r
205-99-2	Benzo(b)fluoranthene	260	U	130	260	r
207-08-9	Benzo(k)fluoranthene	260	U	120	260	r
50-32-8	Benzo(a)pyrene	260	U	120	260	r
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	120	260	r
53-70-3	Dibenz(a,h)anthracene	260	U	120	260	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8082A PCBs

Lab Job ID: GCR7003

Lab ID	Field ID	Collection Date	Matrix
CR47004	SB-6 / MW-6 6-7.5'	8/22/2024	Soil
CR47005	SB-6 / MW-6 10-11'	8/22/2024	Soil
CR47006	SB-6 / MW-6 14.5-15'	8/22/2024	Soil
CR47008	SB-7 / MW-7 7-8'	8/22/2024	Soil
CR47009	SB-7 / MW-7 11-12'	8/22/2024	Soil
CR47010	SB-7 / MW-7 14.5-15'	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD08 while samples were analyzed on ECD03. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values.

All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR47003



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Arcelor standard (C3) and within RT window?	x			
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?	x			Samples run on instrument EDC03 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?	x			While matrix samples were present, they were analyzed on a different instrument than samples evaluated on ECD03 thus no qualification will be made based on this data.
Were MS/MSD (%R) and RPD within QC?	x			
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			While laboratory control samples were present, they were analyzed on a different instrument than samples evaluated on ECD03 thus no qualification will be made based on this data.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) within ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			

Criteria	Y	N	NA	Comment
K. Field Duplicates				
Were Field Duplicated identified within sample package?		x		
Was RPD less than 50%?			x	
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.



Calculation Spot Check

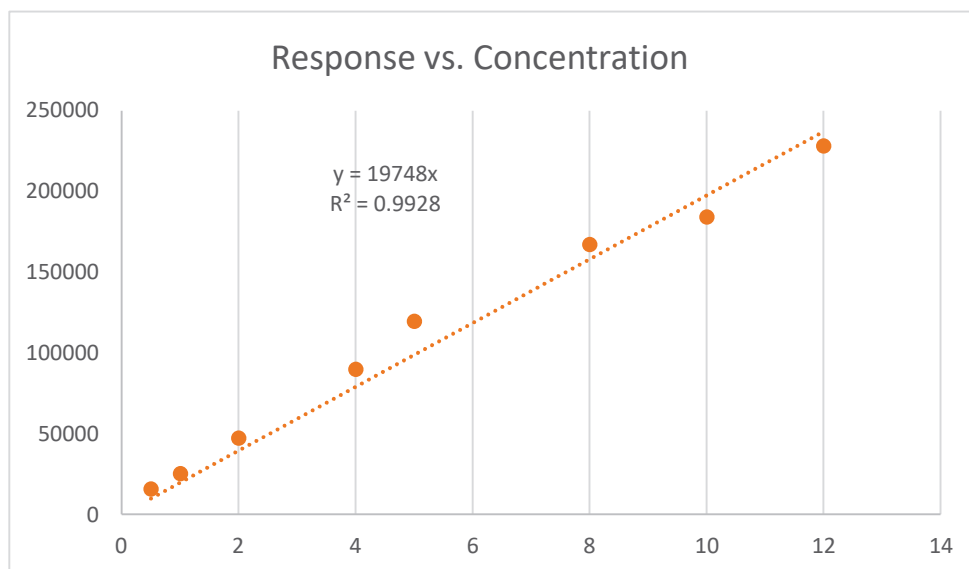
Instrument: ECD03

ICV Date and Time: 08/19/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.030	0.5	15603.69
LV2	0.028	1	25070.18
LV3	0.026	2.0000	47214.98
LV4	0.024	4.0000	89696.94
LV5	0.026	5.0000	119388.57
LV6	0.023	8.0000	166914.21
LV7	0.024	10.0000	184117.18
LV8	0.036	12.0000	228018.55
Mean	0.027		
%RSD	15.70		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria



Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR47003

Lab ID	Field ID	Collection Date	Matrix
CR47004	SB-6 / MW-6 6-7.5'	8/22/2024	Soil
CR47005	SB-6 / MW-6 10-11'	8/22/2024	Soil
CR47006	SB-6 / MW-6 14.5-15'	8/22/2024	Soil
CR47008	SB-7 / MW-7 7-8'	8/22/2024	Soil
CR47009	SB-7 / MW-7 11-12'	8/22/2024	Soil
CR47010	SB-7 / MW-7 14.5-15'	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD04 while samples were analyzed on ECD33 and ECD35. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. No analytes were detected, thus no qualification needed.
- Within Continues Calibrations, Endosulfan II was above laboratory limits %D of CCV of instrument ECD35 associated with sample CR47008-CR47010. Samples will have this analyte qualified as a non-detect estimate "UJ" values.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR47003



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?			x	Endosulfan II was above laboratory limits %D of CCV of instrument ECD35 associated with sample CR47008-CR47010. Samples will have this analyte qualified as a non-detect estimate "UJ" values. See attachment.
Were (%D), relative respond factors (RRF) and RT within criteria?		x		
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			
PEM % breakdown did not exceed criteria?	x			

Criteria	Y	N	NA	Comment
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			While blanks were present, they were analyzed on a different instrument than samples evaluated on ECD33 and ECD35 thus all detection will be qualified as estimate "J" values. No analytes were detected, no further qualification.
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminants found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards?	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SDG or matrix?	x			While matrix samples were present, they were analyzed on a different instrument than samples evaluated on ECD33 or ECD35 thus no qualification will be made based on this data.
Was MS/MSD done at specific frequency required by criteria?	x			
Were MS/MSD (%R) and RPD within QC?	x			
H. Laboratory control sample				
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			While laboratory control samples were present, they were analyzed on a different instrument than samples evaluated on ECD33 or ECD35 thus no qualification will be made based on this data.
Was LCS (%R) within QC Limits?	x			

Criteria	Y	N	NA	Comment
I. Field Duplicates				
Were field duplicates collected?		x		
Were %RPD < 50% for observed analytes?			x	
J. Florisil Cartridge Performance Check				
Were %R within specification.	x			
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are within calculated window?	x			
%D of target analytes and Toxaphene are calculated to less than 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			
M. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
N. EPA Regional QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		

Criteria	Y	N	NA	Comment
O. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration qualification is needed. All results are within Cat. B criterion and usable.



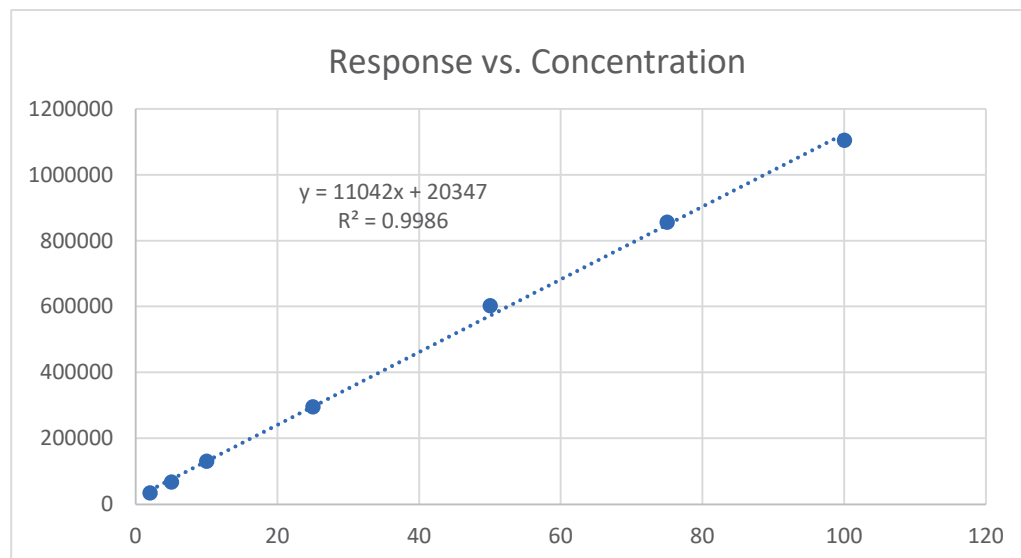
Calculation Spot Check

Instrument: ECD33

ICV Date and Time: 8/13/24

Compound: alpha-BHC

Calibration Factor		Response Concentration	
L1	2.656	34480	2
L2	2.556	67205	5
L3	2.395	130271	10
L4	2.339	295809	25
L5	2.322	602003	50
L6	2.224	855874	75
L7	3.433	1105033	100
average	2.561		
RSD	16.08		





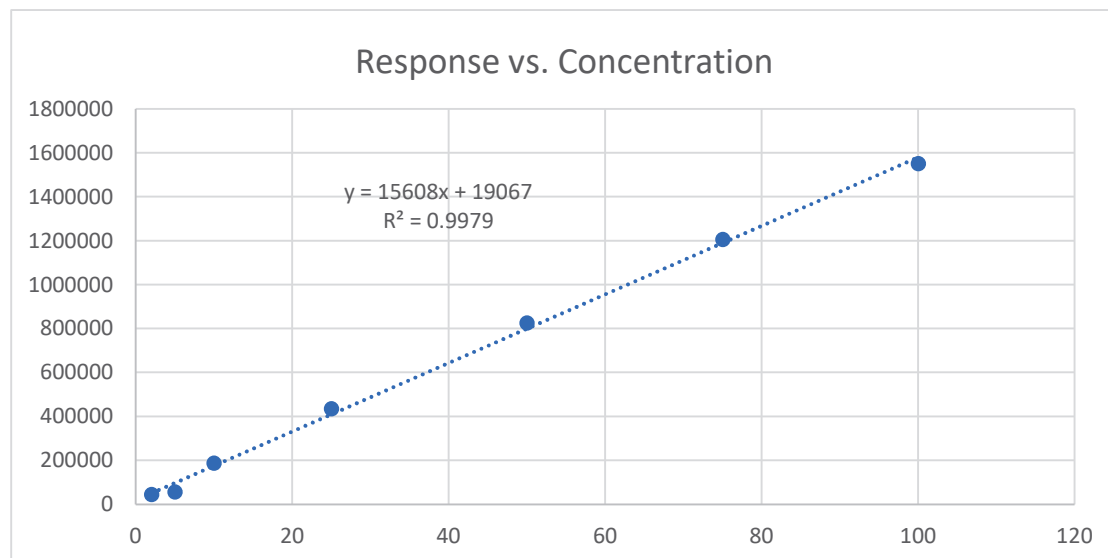
Calculation Spot Check

Instrument: ECD35

ICV Date and Time: 07/29/24

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	2.349	44121	2
L2	2.349	55007	5
L3	2.272	187189	10
L4	2.207	433751	25
L5	2.149	825258	50
L6	2.054	1205412	75
L7	2.790	1550061	100
average	2.310		
RSD	10.26		



7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR47003

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 07/29/24 07/29/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): MIX 4;32U Date Analyzed: 08/29/24

LAB Sample ID (PEM): MIX 4;32U - 829B010 Time Analyzed: 15:18

Instrument: ECD35 File: 829B010

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.40	4.47	4.57	56	50	12		2.248
beta-BHC	4.96	5.01	5.11	50	50	0		1.096
delta-BHC	5.21	5.27	5.37	45	50	10		2.385
gamma-BHC (Lindane)	4.74	4.81	4.91	50	50	0		2.336
Heptachlor	5.36	5.47	5.57	49	50	2		2.281
Aldrin	5.74	5.85	5.95	56	50	12		2.082
Heptachlor Epoxide	6.25	6.35	6.49	49	50	2		2.231
Endosulfan I	6.73	6.84	6.98	60	50	20		1.786
Dieldrin	7.10	7.22	7.36	59	50	18		1.798
4,4' -DDE	6.95	7.06	7.20	50	50	0		1.714
Endrin	7.40	7.51	7.65	59	50	18		1.531
Endosulfan II	7.70	7.79	7.93	61	50	22	*	1.622
4,4' -DDD	7.65	7.73	7.87	45	50	10		1.300
Endosulfan Sulfate	8.17	8.26	8.40	55	50	10		1.508
4,4' -DDT	8.05	8.14	8.28	43	50	14		1.506
Methoxychlor	8.67	8.75	8.89	42	50	16		0.861
Endrin ketone	8.74	8.82	8.96	59	50	18		1.650
Endrin Aldehyde	7.87	7.96	8.10	53	50	6		1.441
alpha-Chlordane	6.68	6.79	6.93	52	50	4		1.903
gamma-Chlordane	6.58	6.68	6.82	54	50	8		2.006
Decachlorobiphenyl	10.28	10.36	10.56	93	80	16		1.653
Tetrachloro-m-xylene	3.93	4.00	4.10	85	80	6		1.672

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification analyte Endosulfan II as non-detect estimate "UJ" value is due to %D results above laboratory limit within associated CCV.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-7 / MW-7 7-8`

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD35

Column.: Rtx-440 0.32

SDG No.: GCR47003

Matrix: (soil/water) Soil

Lab Sample ID: CR47008

Sample wt/vol: 15.09 (g/mL) g

Lab File ID: 829B026

% Moisture: 12

decanted: (Y/N) N

Date Received: 08/22/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/28/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/29/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.5	P	U	7.5	7.5
319-85-7	beta-BHC	NA	7.5	P	U	7.5	7.5
319-86-8	delta-BHC	NA	7.5	P	U	7.5	7.5
58-89-9	gamma-BHC (Lindane)	2.336	1.5	P	U	1.5	1.5
76-44-8	Heptachlor	2.281	7.5	P	U	7.5	7.5
309-00-2	Aldrin	NA	3.8	P	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	NA	7.5	P	U	7.5	7.5
959-98-8	Endosulfan I	NA	7.5	P	U	7.5	7.5
60-57-1	Dieldrin	NA	3.8	P	U	3.8	3.8
72-55-9	4,4' -DDE	1.714	2.3	P	U	2.3	2.3
72-20-8	Endrin	1.531	7.5	P	U	7.5	7.5
33213-65-9	Endosulfan II	NA	7.5	P	U J	7.5	7.5
72-54-8	4,4' -DDD	1.300	2.3	P	U	2.3	2.3
1031-07-8	Endosulfan Sulfate	1.508	7.5	P	U	7.5	7.5
50-29-3	4,4' -DDT	1.506	2.3	P	U	2.3	2.3
72-43-5	Methoxychlor	0.861	38	P	U	38	38
53494-70-5	Endrin ketone	NA	7.5	P	U	7.5	7.5
7421-93-4	Endrin Aldehyde	1.441	7.5	P	U	7.5	7.5
8001-35-2	Toxaphene	NA	150	P	U	150	150
5103-71-9	alpha-Chlordane	1.903	3.8	P	U	3.8	3.8
5103-74-2	gamma-Chlordane	2.006	3.8	P	U	3.8	3.8
57-74-9	Chlordane	NA	38	P	U	38	38
2051-24-3	Decachlorobiphenyl	1.653	84	P		%	%
877-09-8	Tetrachloro-m-xylene	1.672	76	P		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.09wt-vol * 0.88%sol) = 38

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-7 / MW-7 11-12'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD35

Column.: Rtx-440 0.32

SDG No.: GCR47003

Matrix: (soil/water) Soil

Lab Sample ID: CR47009

Sample wt/vol: 15.38 (g/mL) g

Lab File ID: 829B020

% Moisture: 17

decanted: (Y/N) N

Date Received: 08/22/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/28/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/29/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.8	P	U	7.8	7.8
319-85-7	beta-BHC	NA	7.8	P	U	7.8	7.8
319-86-8	delta-BHC	NA	7.8	P	U	7.8	7.8
58-89-9	gamma-BHC (Lindane)	2.336	1.6	P	U	1.6	1.6
76-44-8	Heptachlor	NA	7.8	P	U	7.8	7.8
309-00-2	Aldrin	NA	3.9	P	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	NA	7.8	P	U	7.8	7.8
959-98-8	Endosulfan I	NA	7.8	P	U	7.8	7.8
60-57-1	Dieldrin	NA	3.9	P	U	3.9	3.9
72-55-9	4,4' -DDE	NA	2.4	P	U	2.4	2.4
72-20-8	Endrin	NA	7.8	P	U	7.8	7.8
33213-65-9	Endosulfan II	NA	7.8	P	UJ	7.8	7.8
72-54-8	4,4' -DDD	NA	2.4	P	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	7.8	P	U	7.8	7.8
50-29-3	4,4' -DDT	1.506	2.4	P	U	2.4	2.4
72-43-5	Methoxychlor	NA	39	P	U	39	39
53494-70-5	Endrin ketone	NA	7.8	P	U	7.8	7.8
7421-93-4	Endrin Aldehyde	NA	7.8	P	U	7.8	7.8
8001-35-2	Toxaphene	NA	160	P	U	160	160
5103-71-9	alpha-Chlordane	NA	3.9	P	U	3.9	3.9
5103-74-2	gamma-Chlordane	2.006	3.9	P	U	3.9	3.9
57-74-9	Chlordane	NA	39	P	U	39	39
2051-24-3	Decachlorobiphenyl	1.653	81	P		%	%
877-09-8	Tetrachloro-m-xylene	1.672	73	P		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.38wt-vol * 0.83%sol) = 39

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-7 / MW-7 14.5-15'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD35 Column.: Rtx-440 0.32 SDG No.: GCR47003

Matrix: (soil/water) Soil Lab Sample ID: CR47010

Sample wt/vol: 15.29 (g/mL) g Lab File ID: 829B017

% Moisture: 12 decanted: (Y/N) N Date Received: 08/22/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/28/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/29/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.4	P	U	7.4	7.4
319-85-7	beta-BHC	NA	7.4	P	U	7.4	7.4
319-86-8	delta-BHC	NA	7.4	P	U	7.4	7.4
58-89-9	gamma-BHC (Lindane)	NA	1.5	P	U	1.5	1.5
76-44-8	Heptachlor	NA	7.4	P	U	7.4	7.4
309-00-2	Aldrin	NA	3.7	P	U	3.7	3.7
1024-57-3	Heptachlor Epoxide	NA	7.4	P	U	7.4	7.4
959-98-8	Endosulfan I	NA	7.4	P	U	7.4	7.4
60-57-1	Dieldrin	NA	3.7	P	U	3.7	3.7
72-55-9	4,4' -DDE	NA	2.2	P	U	2.2	2.2
72-20-8	Endrin	1.531	7.4	P	U	7.4	7.4
33213-65-9	Endosulfan II	NA	7.4	P	UJ	7.4	7.4
72-54-8	4,4' -DDD	NA	2.2	P	U	2.2	2.2
1031-07-8	Endosulfan Sulfate	NA	7.4	P	U	7.4	7.4
50-29-3	4,4' -DDT	1.506	2.2	P	U	2.2	2.2
72-43-5	Methoxychlor	0.861	37	P	U	37	37
53494-70-5	Endrin ketone	NA	7.4	P	U	7.4	7.4
7421-93-4	Endrin Aldehyde	NA	7.4	P	U	7.4	7.4
8001-35-2	Toxaphene	NA	150	P	U	150	150
5103-71-9	alpha-Chlordane	1.903	3.7	P	U	3.7	3.7
5103-74-2	gamma-Chlordane	NA	3.7	P	U	3.7	3.7
57-74-9	Chlordane	NA	37	P	U	37	37
2051-24-3	Decachlorobiphenyl	1.653	81	P		%	%
877-09-8	Tetrachloro-m-xylene	1.672	75	P		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.29wt-vol * 0.88%sol) = 37

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: Method 6010D Metals

Lab Job ID: GCR47003

Lab ID	Field ID	Collection Date	Matrix
CR47004	SB-6 / MW-6 6-7.5'	8/22/2024	Soil
CR47005	SB-6 / MW-6 10-11'	8/22/2024	Soil
CR47006	SB-6 / MW-6 14.5-15'	8/22/2024	Soil
CR47008	SB-7 / MW-7 7-8'	8/22/2024	Soil
CR47009	SB-7 / MW-7 11-12'	8/22/2024	Soil
CR47010	SB-7 / MW-7 14.5-15'	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

- It is noted the CRDL was not within recover limits of Mercury but also was not detected within any samples, no further qualification is needed.
- Within Matrix samples failures in recovery within CR46670 led to qualification with sample CR47004 for metals Barium and Lead as estimate bias high and bias low (J+,J-) values.
- Within laboratory duplicate samples failures in RPD within CR46670 led to qualification with sample CR47004 for Lead as rejected "R" high and Chromium as estimate J" value. Failures in RPD within CR46660 led to qualification with sample CR47005-CR47010 for Lead as estimate "J" value.

Data is within category B criterion and is usable except for rejected value within data.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR47003



Method 6010D Metals

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of aqueous/TCLP/SPLP samples of 180 days preserved with nitric acid (pH>2)?	x			
Technical Hold Time of soil/sediment/wipe samples of 180 days ?	x			
B. Calibration				
Was an initial calibration done when system was set up or after CCV failure?	x			
Were 5 calibration standards and blank run at or below CRQL but above MDL?	x			
Were initial and continuous calibration verification (ICV and CCV) within NFG guidelines of %R (table 3)?	x			
C. Blanks				
Were contaminants found?		x		
Initial Calibration Blank (ICB) was analyzed after standards and run after ICV?	x			
Continuing Calibration Blank (CCB) was ran after every CCV every 2 hrs.	x			

Criteria	Y	N	NA	Comment
D. Laboratory Control Samples				
Was LCS analyzed for every group of aqueous/soil/ sediment /wipes samples in each SDG?(LCS is spiked 2X the CRQL for the associated matrix.)?	x			
Were %Rs within control limit of 70-130%? (Except for Sb and Ag , 50-150%)	x			
E. Matrix Spike/Matrix duplicate				SB-6 / MW-6 14.5-15' and several other samples not within sample package
Were MS and MSD analyzed for SGD?	x			Failures in recovery within CR46670 led to qualification with sample CR47004 for metals Barium and Lead as estimate bias high and bias low "J+,J-" values. See attachment.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		
F. Duplicate Samples				SB-6 / MW-6 14.5-15' and several other samples not within sample package
Was at least one duplicate sample run per matrix or SDG?	x			Failures in RPD within CR46670 led to qualification with sample CR47004 for Lead as rejected "R" high and Chromium as estimate J" value. Failures in RPD within CR46660 led to qualification with sample CR47005-CR47010 for Lead as estimate "J" value. See attachment.
Were control limit of 50% Relative Percent Difference between 'original' and duplicate?		x		
Were control limit CRQL of <5X found?	x			
G. Serial Dilution				CR46670 and CR46660
Was ICP serial dilution performed on each sample for each group of the same (aqueous/soil/sediment similar matrix or SDG?	x			
Was %D of original compared to dilution $\leq 10\%$?(%D > 15% may be used for soil)	x			

Criteria	Y	N	NA	Comment
H. Performance Evaluation Sample				
Were PE samples analyzed with the field samples and field blanks in SDG?	x			
Were results within warning limits (95% confidence interval) and action limit (99% confidence interval)		x		
I. Regional EPA QA/QC				
Were regional protocols of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
J. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification occurred due to failure in laboratory criteria within duplicate and spike samples. All results are within Cat. B criterion and usable except for rejected value of Lead.



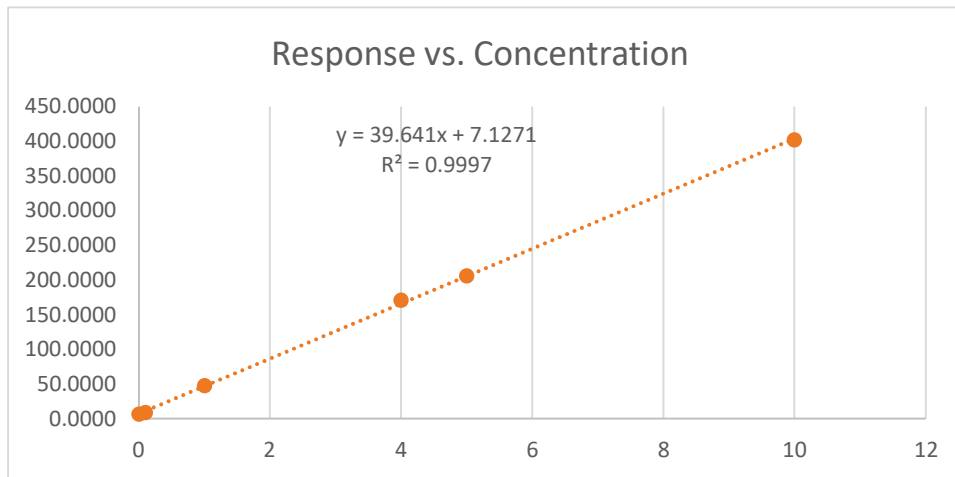
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 8/23/24 8:22

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	6.2025	0	-0.0233
STD85	8.4375	0.1000	0.0331
STD86	47.4725	1.0000	1.0178
STD87	170.5325	4.0000	4.1221
STD88	205.3605	5.0000	5.0007
STD89	401.5457	10.0000	9.9497



Client Id

Client: LABELLA

SDG No.: GCR47003

Sample Matrix: SOIL

Percent Solids: 89

Concentration Units (mg/L or mg/kg dry weight): mg/kg

Client: LABELLA

SDG No.: GCR47003

Sample Matrix: SOIL

Percent Solids: 92

Concentration Units (mg/L or mg/kg dry weight): mg/kg

1

SB-6 / MW-6 6-7.5'

LABELLA

GCR47003

SOIL

86.0

mg/Kg

Date analyzed

Reviewer comment: Due to failures in laboratory criteria in both associate matrix sample and duplicate samples Barium is qualified as as estimate bias high "J+", Chromium is qualified as a estimate "J" value and Lead is rejected "R" value.

FORM I - IN

SB-6 / MW-6 10-11'

LABELLA

GCR47003

SOIL

83.0

mg/Kg

[illegible]

Reviewer comment: Due to associated duplicate sample recovery above 30%,Lead is qualified as estimate "J" value.

SB-7 / MW-7 11-12'

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix SDG No.: GCR47003

Lab Sample Id: CR47009 Sample Matrix: SOIL

Date Received: 8/22/2024 Percent Solids: 83.0

Concentration Units (mg/L or mg/kg dry weight): mg/Kg

[illegible]

Reviewer comment: Due to associated duplicate sample recovery above 30%,Lead is qualified as estimate "J" value.

SB-7 / MW-7 14.5-15'

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix SDG No.: GCR47003

Lab Sample Id: CR47010 Sample Matrix: SOIL

Date Received: 8/22/2024 Percent Solids: 88.0

Concentration Units (mg/L or mg/kg dry weight): mg/Kg

[illegible]

Reviewer comment: Due to associated duplicate sample recovery above 30%,Lead is qualified as estimate "J" value.



ENVIRONMENTAL
ASSESSMENT &
REMEDiations

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 05/09/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR48033_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR48033_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



Newton Plaza Associates, LLC - Data Usability Summary Report for August 22, 2024, Soil Samples

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Lab Job: GCR48033								
Method Evaluated								
Lab ID	Field ID	Collection Date	Matrix	8260D	8270E	8081B	8082A	6010D&7470A
CR48033	SB-8 / MW-8 8'-9'	8/22/2024	Soil	x	x	x	x	x
CR48034	DUPE 2	8/22/2024	Soil	x				
CR48035	SB-8 / MW-8 10'-11'	8/22/2024	Soil	x	x	x	x	x
CR48036	SB-8 / MW-8 14'-15'	8/22/2024	Soil	x	x	x	x	x

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)
- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)
- Method 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides by Gas Chromatography (February 2007)
- Method 6010D Inductively Coupled Plasma—Optical Emission Spectrometry, revision 5 (June 2018)



- Method 7471B Mercury in Solid or Semisolid Wastes (Manual Cold-Vapor Technique) (February 2007)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets criteria for compliance with methods 8260D, 8270E, 8081.B, 8082A, 6010D and 7471B except for rejected data due to instrument issues as noted in section 8270E. Percent solid method E160.3 was run, and all samples are over 30% solid.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR478033**

Lab ID	Field ID	Collection Date	Matrix
CR48033	SB-8 / MW-8 8`-9`	8/22/2024	Soil
CR48034	DUPE 2	8/22/2024	Soil
CR48035	SB-8 / MW-8 10`-11`	8/22/2024	Soil
CR48036	SB-8 / MW-8 14`-15`	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration of instrument CHEM 26, Acetone was above laboratory criteria for %RSD which led to qualification within samples CR48033 and CR480034.
- Within continuous calibration of instrument CHEM03 and CHEM26 several analytes were not within recommended response factor but above minimum RRF values, since no analytes were detected within samples, thus no qualification needed.

Several analytes recoveries were below laboratory criteria of matrix samples led to qualification as non-detect estimate "UJ" values within sample SB-8 / MW-8 14`-15`.

- Within duplicate pair SB-8 / MW-8 8`-9` and DUPE 2 samples detected analyte Acetone result is within acceptable limits of comparison.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration of instrument CHEM 26, Acetone was above laboratory criteria for %RSD which led to qualification within samples CR48033 and CR480034. See attachment.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Within continuous calibration of instrument CHEM03 and CHEM26 several analytes were not within recommended response factor but above minimum RRF values, since no analytes were detected within samples, thus no qualification needed.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				
Was a field blank associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			

Criteria	Y	N	NA	Comment
G. Matrix Spike/Matrix Duplicate				SB-8 / MW-8 14'-15'
Were MS and MSD analyzed for SDG?	x			Several analytes recoveries were below laboratory criteria led to qualification as non-detect estimate "UJ" values within sample SB-8 / MW-8 14'-15'. See attachment.
Was MS/MSD done every 20 samples?	x			
Were MS/MSD (%R) and RPD within QC?		x		
H. Field Duplicate				SB-8 / MW-8 8'-9' and DUPE 2
Were field duplicates identified in this SGD?	x			Only Aetone was detected in both samples. Well compared, see attachment.
Were target compounds detected in it? Were RPDs less than 50%?		x		
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			x	

Criteria	Y	N	NA	Comment
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in laboratory criteria within continuous calibration and matrix samples. All data is usable.

Blind Duplicate Comparison



8260D

Well	Original Sample SB-8 / MW-8 8'-9'	Blind Duplicate DUPE 2	Relative Percent Difference
Acetone	45	60	25.00

Reviewer comment: Duplicate pair SB-8 / MW-8 8'-9' and DUPE 2 samples acetone result is within acceptable limits of comparison.

Calculation Spot Check

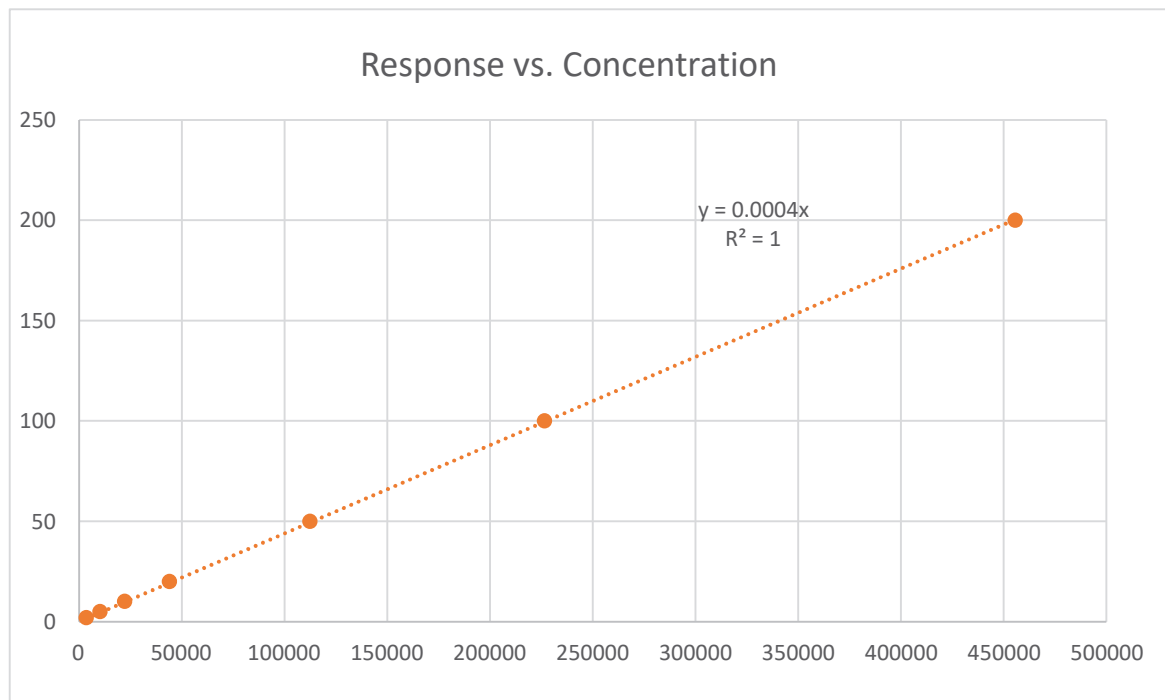
Instrument: CHEM03

ICV Date and time :08/01/24 07:57

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.399	3504	2
L2	0.436	10159	5
L3	0.511	22157	10
L4	0.520	43919	20
L5	0.535	112269	50
L6	0.542	226473	100
L7	0.555	455703	200
average	0.500		
RSD	11.8		



Calculation Spot Check

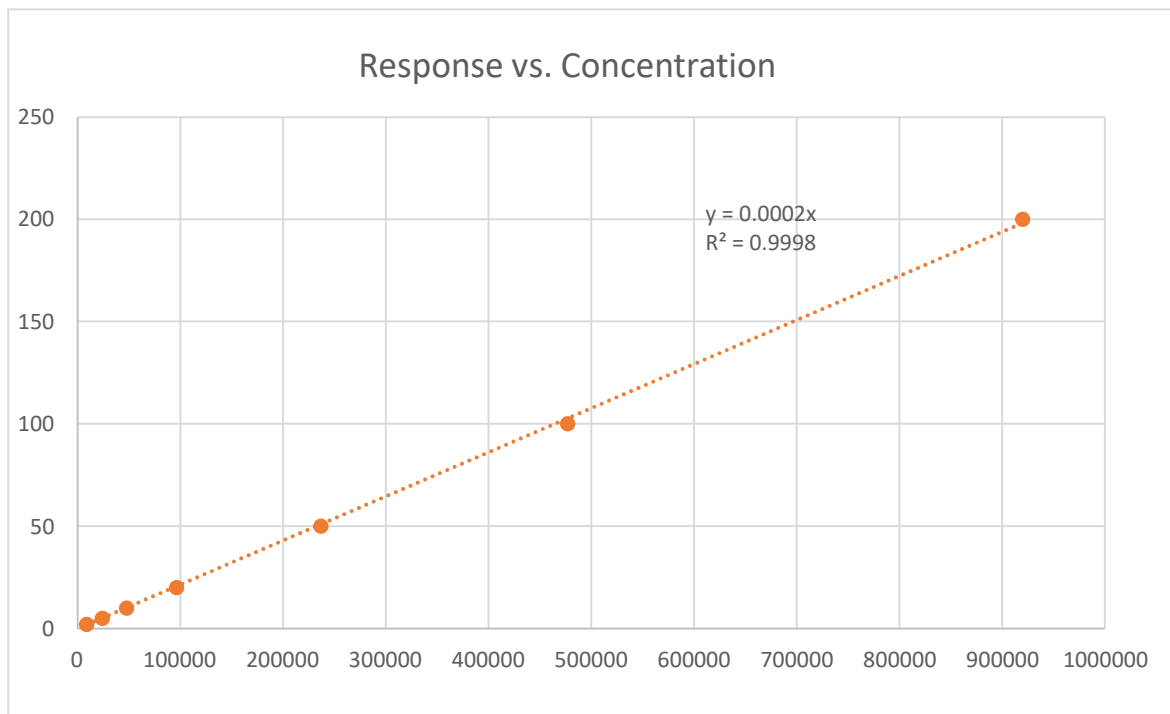
Instrument: CHEM26

ICV Date and time : 08/09/24 11:18

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.476	8790	2
L2	0.514	23941	5
L3	0.508	47743	10
L4	0.515	96382	20
L5	0.519	236758	50
L6	0.512	477113	100
L7	0.484	919968	200
average	0.504		
RSD	3.3		



6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48033

Instrument ID: CHEM26 Calibration Date(s): 08/09/24 08/09/24

Heated Purge (Y/N): Y Calibration Time(s): 11:18 13:06

GC Column: _____ Method File: VT-080924.M

LAB FILE ID:

RRF 2	0809_12.D	RRF 5	0809_13.D	RRF 10	0809_14.D	RRF 20	0809_15.D
RRF 50	0809_16.D	RRF 100	0809_17.D	RRF 200	0809_18.D		

COMPOUND		RRF 2	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100	RRF 200		RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.617	0.678	0.737	0.696	0.700	0.672	0.655		0.679	5.6	20 (40)
Chloromethane		0.476	0.514	0.508	0.515	0.519	0.512	0.484		0.504	3.3	20 (40)
Vinyl Chloride		0.508	0.524	0.556	0.556	0.564	0.545	0.516		0.538	4.1	20 (30)
Bromomethane		0.358	0.357	0.355	0.353	0.353	0.340	0.319		0.348	4.0	20 (40)
Chloroethane		0.307	0.310	0.337	0.324	0.314	0.296	0.265		0.308	7.5	20 (40)
Trichlorofluoromethane		0.987	0.951	1.014	1.017	0.995	0.925	0.840		0.961	6.6	20 (40)
1,1-Dichloroethene		0.440	0.434	0.476	0.470	0.466	0.457	0.428		0.453	4.2	20 (30)
Trichlorotrifluoroethane		0.323	0.354	0.372	0.376	0.373	0.355	0.340		0.356	5.5	20 (40)
Carbon Disulfide		1.333	1.344	1.494	1.499	1.532	1.478	1.385		1.438	5.7	20 (40)
Methylene Chloride		0.684	0.562	0.575	0.540	0.527	0.519	0.494		0.557	11.2	20 (40)
Acetone			0.212	0.177	0.132	0.132	0.126	0.119		0.150	24.6 +	20 (40)
Trans-1,2-Dichloroethene		0.500	0.497	0.551	0.527	0.525	0.512	0.489		0.514	4.2	20 (40)
Methyl t-Butyl Ether (MTBE)		1.451	1.451	1.432	1.444	1.455	1.459	1.376		1.438	2.0	20 (40)
1,1-Dichloroethane		0.877	0.921	0.955	0.943	0.946	0.922	0.869		0.919	3.7	20 (40)
Acrylonitrile		0.128	0.134	0.134	0.132	0.134	0.132	0.127		0.132	2.2	20 (40)
Cis-1,2-Dichloroethene		0.479	0.497	0.514	0.516	0.515	0.504	0.483		0.501	3.1	20 (40)
2,2-Dichloropropane		0.698	0.739	0.801	0.802	0.823	0.852	0.822		0.791	6.8	20 (40)
Bromochloromethane		0.212	0.221	0.226	0.212	0.214	0.210	0.196		0.213	4.4	20 (40)
Chloroform		0.937	0.989	1.004	0.982	0.968	0.935	0.897		0.959	3.9	20 (30)
Carbon Tetrachloride		0.644	0.696	0.730	0.731	0.736	0.733	0.700		0.710	4.7	20 (40)
Tetrahydrofuran (THF)		0.114	0.097	0.105	0.106	0.110	0.111	0.102		0.107	5.4	20 (40)
1,1,1-Trichloroethane		0.815	0.897	0.947	0.940	0.942	0.928	0.871		0.906	5.4	20 (40)
Methyl Ethyl Ketone		0.204	0.185	0.196	0.168	0.169	0.169	0.159		0.179	9.4	20 (40)
1,1-Dichloropropene		0.454	0.460	0.516	0.505	0.507	0.494	0.480		0.488	4.9	20 (40)
Benzene		1.485	1.360	1.308	1.290	1.286	1.266	1.204		1.314	6.7	20 (40)
1,2-Dichloroethane		0.521	0.511	0.528	0.514	0.505	0.498	0.479		0.508	3.2	20 (40)
Trichloroethene		0.306	0.309	0.343	0.327	0.327	0.321	0.310		0.320	4.1	20 (40)
Dibromomethane		0.181	0.190	0.202	0.203	0.205	0.207	0.200		0.198	4.7	20 (40)
1,2-dichloropropane		0.330	0.311	0.316	0.318	0.312	0.323	0.304		0.316	2.6	20 (30)
Bromodichloromethane		0.445	0.471	0.485	0.488	0.494	0.502	0.479		0.481	3.8	20 (40)
cis-1,3-Dichloropropene		0.448	0.466	0.520	0.520	0.541	0.548	0.532		0.511	7.5	20 (40)
Toluene		0.929	0.816	0.774	0.785	0.783	0.762	0.734		0.798	7.9	20 (30)
4-Methyl-2-Pentanone		0.206	0.203	0.229	0.231	0.244	0.248	0.236		0.228	7.6	20 (40)
Tetrachloroethene		0.236	0.245	0.279	0.267	0.264	0.257	0.252		0.257	5.6	20 (40)
trans-1,3-Dichloropropene		0.407	0.402	0.461	0.479	0.498	0.513	0.494		0.465	9.5	20 (40)
1,1,2-Trichloroethane		0.261	0.249	0.262	0.263	0.260	0.264	0.249		0.258	2.4	20 (40)
Dibromochloromethane		0.320	0.329	0.353	0.363	0.383	0.388	0.377		0.359	7.4	20 (40)
1,3-Dichloropropane		0.541	0.554	0.580	0.590	0.592	0.576	0.545		0.568	3.8	20 (40)
1,2-Dibromoethane		0.297	0.310	0.317	0.327	0.328	0.331	0.315		0.318	3.8	20 (40)
2-Hexanone		0.229	0.206	0.203	0.194	0.211	0.218	0.214		0.211	5.4	20 (40)
Chlorobenzene		0.959	0.960	0.999	1.004	0.977	0.942	0.898		0.963	3.8	20 (40)
Ethylbenzene		0.592	0.546	0.567	0.547	0.547	0.512	0.494		0.543	6.0	20 (30)
1,1,1,2-Tetrachloroethane		0.342	0.343	0.365	0.365	0.362	0.360	0.341		0.354	3.1	20 (40)
m&p-Xylene		0.689	0.660	0.680	0.655	0.635	0.606	0.576		0.643	6.3	20 (40)
o-Xylene		0.643	0.602	0.614	0.622	0.623	0.617	0.595		0.616	2.5	20 (40)
Styrene		0.846	0.947	1.056	1.062	1.028	0.987	0.949		0.982	7.8	20 (40)
Bromoform		0.218	0.212	0.221	0.233	0.248	0.251	0.248		0.233	7.0	20 (40)
Isopropylbenzene		0.627	0.653	0.785	0.814	0.803	0.769	0.729		0.740	10.0	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

3D
SOIL VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR48033

Matrix Spike - Client Id: CR48036 / SB-8 / MW-8 14`-15` MS Level:(low/med) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.	
Carbon Tetrachloride	61.73	0.0	59.89	97	70	130
Tetrahydrofuran (THF)	154.3	0.0	124.1	80	70	130
1,1,1-Trichloroethane	61.73	0.0	61.13	99	70	130
Methyl Ethyl Ketone	61.73	0.0	45.48	74	70	130
1,1-Dichloropropene	61.73	0.0	52.82	86	70	130
Benzene	61.73	0.0	57.57	93	66	142
1,2-Dichloroethane	61.73	0.0	50.68	82	70	130
Trichloroethene	61.73	0.0	53.76	87	62	137
Dibromomethane	61.73	0.0	49.18	80	70	130
1,2-dichloropropane	61.73	0.0	57.88	94	70	130
Bromodichloromethane	61.73	0.0	55.48	90	70	130
cis-1,3-Dichloropropene	61.73	0.0	47.87	78	70	130
Toluene	61.73	0.0	53.84	87	59	139
4-Methyl-2-Pentanone	61.73	0.0	50.66	82	70	130
Tetrachloroethene	61.73	0.0	56.84	92	70	130
trans-1,3-Dichloropropene	61.73	0.0	41.62	67 *	70	130
1,1,2-Trichloroethane	61.73	0.0	55.08	89	70	130
Dibromochloromethane	61.73	0.0	54.15	88	70	130
1,3-Dichloropropane	61.73	0.0	47.42	77	70	130
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
Carbon Tetrachloride	40.00	39.79	99	2.0	30	70 130
Tetrahydrofuran (THF)	100.0	78.96	79	1.3	30	70 130
1,1,1-Trichloroethane	40.00	41.08	103	4.0	30	70 130
Methyl Ethyl Ketone	40.00	29.37	73	1.4	30	70 130
1,1-Dichloropropene	40.00	37.23	93	7.8	30	70 130
Benzene	40.00	38.11	95	2.1	30	66 142
1,2-Dichloroethane	40.00	32.18	80	2.5	30	70 130
Trichloroethene	40.00	36.70	92	5.6	30	62 137
Dibromomethane	40.00	31.48	79	1.3	30	70 130
1,2-dichloropropane	40.00	37.69	94	0.0	30	70 130
Bromodichloromethane	40.00	35.81	90	0.0	30	70 130
cis-1,3-Dichloropropene	40.00	30.48	76	2.6	30	70 130
Toluene	40.00	35.67	89	2.3	30	59 139
4-Methyl-2-Pentanone	40.00	31.96	80	2.5	30	70 130
Tetrachloroethene	40.00	38.73	97	5.3	30	70 130
trans-1,3-Dichloropropene	40.00	25.84	65 *	3.0	30	70 130
1,1,2-Trichloroethane	40.00	34.56	86	3.4	30	70 130
Dibromochloromethane	40.00	34.68	87	1.1	30	70 130
1,3-Dichloropropane	40.00	30.24	76	1.3	30	70 130

FORM III VOA

3D
SOIL VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR48033

Matrix Spike - Client Id: CR48036 / SB-8 / MW-8 14`-15` MS Level:(low/med) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane	61.73	0.0	44.41	72	70	130
2-Hexanone	61.73	0.0	38.07	62 *	70	130
Chlorobenzene	61.73	0.0	46.39	75	60	133
Ethylbenzene	61.73	0.0	52.67	85	70	130
1,1,1,2-Tetrachloroethane	61.73	0.0	63.51	103	70	130
m&p-Xylene	123.5	0.0	102.3	83	70	130
o-Xylene	61.73	0.0	54.60	88	70	130
Styrene	61.73	0.0	43.25	70	70	130
Bromoform	61.73	0.0	50.03	81	70	130
Isopropylbenzene	61.73	0.0	56.43	91	70	130
Bromobenzene	61.73	0.0	41.55	67 *	70	130
n-Propylbenzene	61.73	0.0	47.67	77	70	130
1,1,2,2-Tetrachloroethane	61.73	0.0	50.74	82	70	130
2-Chlorotoluene	61.73	0.0	48.29	78	70	130
1,3,5-Trimethylbenzene	61.73	0.0	55.11	89	70	130
1,2,3-Trichloropropane	61.73	0.0	46.47	75	70	130
trans-1,4-Dichloro-2-butene	308.7	0.0	169.0	55 *	70	130
4-Chlorotoluene	61.73	0.0	38.95	63 *	70	130
tert-Butylbenzene	61.73	0.0	61.95	100	70	130
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
1,2-Dibromoethane	40.00	27.49	69 *	4.3	30	70 130
2-Hexanone	40.00	24.13	60 *	3.3	30	70 130
Chlorobenzene	40.00	30.58	76	1.3	30	60 133
Ethylbenzene	40.00	35.62	89	4.6	30	70 130
1,1,1,2-Tetrachloroethane	40.00	41.22	103	0.0	30	70 130
m&p-Xylene	80.00	69.05	86	3.6	30	70 130
o-Xylene	40.00	35.69	89	1.1	30	70 130
Styrene	40.00	28.27	71	1.4	30	70 130
Bromoform	40.00	31.64	79	2.5	30	70 130
Isopropylbenzene	40.00	37.54	94	3.2	30	70 130
Bromobenzene	40.00	26.60	67 *	0.0	30	70 130
n-Propylbenzene	40.00	32.47	81	5.1	30	70 130
1,1,2,2-Tetrachloroethane	40.00	31.76	79	3.7	30	70 130
2-Chlorotoluene	40.00	31.56	79	1.3	30	70 130
1,3,5-Trimethylbenzene	40.00	36.06	90	1.1	30	70 130
1,2,3-Trichloropropane	40.00	30.02	75	0.0	30	70 130
trans-1,4-Dichloro-2-butene	200.0	102.1	51 *	7.5	30	70 130
4-Chlorotoluene	40.00	26.25	66 *	4.7	30	70 130
tert-Butylbenzene	40.00	40.67	102	2.0	30	70 130

FORM III VOA

3D
SOIL VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR48033

Matrix Spike - Client Id: CR48036 / SB-8 / MW-8 14`-15` MS Level:(low/med) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.		
1,2,4-Trimethylbenzene	61.73	0.0	49.30	80	70	130	
sec-Butylbenzene	61.73	0.0	54.66	89	70	130	
p-Isopropyltoluene	61.73	0.0	53.22	86	70	130	
1,3-Dichlorobenzene	61.73	0.0	35.12	57 *	70	130	
1,4-Dichlorobenzene	61.73	0.0	32.38	52 *	70	130	
2-Isopropyltoluene	61.73	0.0	59.53	96	70	130	
n-Butylbenzene	61.73	0.0	39.89	65 *	70	130	
1,2-Dichlorobenzene	61.73	0.0	38.94	63 *	70	130	
1,2-Dibromo-3-Chloropropane	61.73	0.0	44.63	72	70	130	
Hexachlorobutadiene	61.73	0.0	55.42	90	70	130	
1,2,4-Trichlorobenzene	61.73	0.0	22.73	37 *	70	130	
Naphthalene	61.73	0.0	30.06	49 *	70	130	
1,2,3-Trichlorobenzene	61.73	0.0	27.34	44 *	70	130	
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
1,2,4-Trimethylbenzene	40.00	32.40	81	1.2		30	70 130
sec-Butylbenzene	40.00	36.45	91	2.2		30	70 130
p-Isopropyltoluene	40.00	35.75	89	3.4		30	70 130
1,3-Dichlorobenzene	40.00	23.48	59 *	3.4		30	70 130
1,4-Dichlorobenzene	40.00	21.53	54 *	3.8		30	70 130
2-Isopropyltoluene	40.00	39.08	98	2.1		30	70 130
n-Butylbenzene	40.00	28.37	71	8.8		30	70 130
1,2-Dichlorobenzene	40.00	24.78	62 *	1.6		30	70 130
1,2-Dibromo-3-Chloropropane	40.00	28.65	72	0.0		30	70 130
Hexachlorobutadiene	40.00	37.39	93	3.3		30	70 130
1,2,4-Trichlorobenzene	40.00	15.64	39 *	5.3		30	70 130
Naphthalene	40.00	18.78	47 *	4.2		30	70 130
1,2,3-Trichlorobenzene	40.00	18.03	45 *	2.2		30	70 130

FORM III VOA

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-8 / MW-8 8'-9'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48033 Lab Sample ID: CR48033

Sample wt/vol: 4.66 (g/mL) g Lab File ID: 0823_47.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 24 Date Analyzed: 08/24/24

Instrument: CHEM26 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	7.0	U	0.70	7.0	r
74-87-3	Chloromethane	7.0	U	1.4	7.0	r
75-01-4	Vinyl Chloride	7.0	U	0.70	7.0	r
74-83-9	Bromomethane	7.0	U	2.8	7.0	r
75-00-3	Chloroethane	7.0	U	0.70	7.0	r
75-69-4	Trichlorofluoromethane	7.0	U	1.4	7.0	r
75-35-4	1,1-Dichloroethene	7.0	U	0.70	7.0	r
76-13-1	Trichlorotrifluoroethane	7.0	U	0.70	7.0	r
75-15-0	Carbon Disulfide	7.0	U	1.4	7.0	r
75-09-2	Methylene Chloride	14	U	7.0	14	r
67-64-1	Acetone	45	J S	7.0	35	r
156-60-5	Trans-1,2-Dichloroethene	7.0	U	0.70	7.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	14	U	1.4	14	r
75-34-3	1,1-Dichloroethane	7.0	U	1.4	7.0	r
107-13-1	Acrylonitrile	14	U	0.70	14	r
156-59-2	Cis-1,2-Dichloroethene	7.0	U	0.70	7.0	r
594-20-7	2,2-Dichloropropane	7.0	U	0.70	7.0	r
74-97-5	Bromochloromethane	7.0	U	0.70	7.0	r
67-66-3	Chloroform	7.0	U	0.70	7.0	r
56-23-5	Carbon Tetrachloride	7.0	U	1.4	7.0	r
109-99-9	Tetrahydrofuran (THF)	14	U	3.5	14	r
71-55-6	1,1,1-Trichloroethane	7.0	U	0.70	7.0	r
78-93-3	Methyl Ethyl Ketone	35	U	7.0	35	r
563-58-6	1,1-Dichloropropene	7.0	U	0.70	7.0	r
71-43-2	Benzene	7.0	U	0.70	7.0	r
107-06-2	1,2-Dichloroethane	7.0	U	0.70	7.0	r
79-01-6	Trichloroethene	7.0	U	0.70	7.0	r
74-95-3	Dibromomethane	7.0	U	1.4	7.0	r
78-87-5	1,2-dichloropropane	7.0	U	1.4	7.0	r
75-27-4	Bromodichloromethane	7.0	U	1.4	7.0	r
10061-01-5	cis-1,3-Dichloropropene	7.0	U	0.70	7.0	r
108-88-3	Toluene	7.0	U	0.70	7.0	r
108-10-1	4-Methyl-2-Pentanone	35	U	7.0	35	r
127-18-4	Tetrachloroethene	7.0	U	1.4	7.0	r
10061-02-6	trans-1,3-Dichloropropene	7.0	U	0.70	7.0	r
79-00-5	1,1,2-Trichloroethane	7.0	U	1.4	7.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	DUPE 2
SDG No.:	<u>GCR48033</u>	Lab Sample ID:	<u>CR48034</u>	
Sample wt/vol:	<u>6.28</u> (g/mL) <u>g</u>	Lab File ID:	<u>0823_48.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>18</u>	Date Analyzed:	<u>08/24/24</u>	
Instrument:	<u>CHEM26</u>	Column:	<u>RTX-VMS</u>	Dilution Factor: <u>1</u>
Purge Volume	<u>5000</u> (uL)	pH:	<u>n.a.</u>	Soil Aliquot Vol: <u>5000</u> (uL)
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	4.9	U	0.49	4.9	r
74-87-3	Chloromethane	4.9	U	0.98	4.9	r
75-01-4	Vinyl Chloride	4.9	U	0.49	4.9	r
74-83-9	Bromomethane	4.9	U	2.0	4.9	r
75-00-3	Chloroethane	4.9	U	0.49	4.9	r
75-69-4	Trichlorofluoromethane	4.9	U	0.98	4.9	r
75-35-4	1,1-Dichloroethene	4.9	U	0.49	4.9	r
76-13-1	Trichlorotrifluoroethane	4.9	U	0.49	4.9	r
75-15-0	Carbon Disulfide	4.9	U	0.98	4.9	r
75-09-2	Methylene Chloride	9.8	U	4.9	9.8	r
67-64-1	Acetone	60	J S	4.9	24	r
156-60-5	Trans-1,2-Dichloroethene	4.9	U	0.49	4.9	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	9.8	U	0.98	9.8	r
75-34-3	1,1-Dichloroethane	4.9	U	0.98	4.9	r
107-13-1	Acrylonitrile	9.8	U	0.49	9.8	r
156-59-2	Cis-1,2-Dichloroethene	4.9	U	0.49	4.9	r
594-20-7	2,2-Dichloropropane	4.9	U	0.49	4.9	r
74-97-5	Bromochloromethane	4.9	U	0.49	4.9	r
67-66-3	Chloroform	4.9	U	0.49	4.9	r
56-23-5	Carbon Tetrachloride	4.9	U	0.98	4.9	r
109-99-9	Tetrahydrofuran (THF)	9.8	U	2.4	9.8	r
71-55-6	1,1,1-Trichloroethane	4.9	U	0.49	4.9	r
78-93-3	Methyl Ethyl Ketone	24	U	4.9	24	r
563-58-6	1,1-Dichloropropene	4.9	U	0.49	4.9	r
71-43-2	Benzene	4.9	U	0.49	4.9	r
107-06-2	1,2-Dichloroethane	4.9	U	0.49	4.9	r
79-01-6	Trichloroethene	4.9	U	0.49	4.9	r
74-95-3	Dibromomethane	4.9	U	0.98	4.9	r
78-87-5	1,2-dichloropropane	4.9	U	0.98	4.9	r
75-27-4	Bromodichloromethane	4.9	U	0.98	4.9	r
10061-01-5	cis-1,3-Dichloropropene	4.9	U	0.49	4.9	r
108-88-3	Toluene	4.9	U	0.49	4.9	r
108-10-1	4-Methyl-2-Pentanone	24	U	4.9	24	r
127-18-4	Tetrachloroethene	4.9	U	0.98	4.9	r
10061-02-6	trans-1,3-Dichloropropene	4.9	U	0.49	4.9	r
79-00-5	1,1,2-Trichloroethane	4.9	U	0.98	4.9	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-8 / MW-8 14'-15'
SDG No.:	GCR48033	Lab Sample ID:	CR48036	
Sample wt/vol:	6.23	(g/mL)	g	Lab File ID:
Level: (low/med/meth):	Low	Date Received:	08/23/24	
% Moisture:	19	Date Analyzed:	08/27/24	
Instrument:	CHEM03	Column:	RTX-VMS	Dilution Factor:
Purge Volume	5000	(uL)	pH: n.a.	Soil Aliquot Vol:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	4.9	U	0.49	4.9	r
74-87-3	Chloromethane	4.9	U	0.99	4.9	r
75-01-4	Vinyl Chloride	4.9	U	0.49	4.9	r
74-83-9	Bromomethane	4.9	U	2.0	4.9	r
75-00-3	Chloroethane	4.9	U	0.49	4.9	r
75-69-4	Trichlorofluoromethane	4.9	U	0.99	4.9	r
75-35-4	1,1-Dichloroethene	4.9	U	0.49	4.9	r
76-13-1	Trichlorotrifluoroethane	4.9	U	0.49	4.9	r
75-15-0	Carbon Disulfide	4.9	U	0.99	4.9	r
75-09-2	Methylene Chloride	9.9	U	4.9	9.9	r
67-64-1	Acetone	25	U	4.9	25	r
156-60-5	Trans-1,2-Dichloroethene	4.9	U	0.49	4.9	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	9.9	U	0.99	9.9	r
75-34-3	1,1-Dichloroethane	4.9	U	0.99	4.9	r
107-13-1	Acrylonitrile	9.9	U	0.49	9.9	r
156-59-2	Cis-1,2-Dichloroethene	4.9	U	0.49	4.9	r
594-20-7	2,2-Dichloropropane	4.9	U	0.49	4.9	r
74-97-5	Bromochloromethane	4.9	U	0.49	4.9	r
67-66-3	Chloroform	4.9	U	0.49	4.9	r
56-23-5	Carbon Tetrachloride	4.9	U	0.99	4.9	r
109-99-9	Tetrahydrofuran (THF)	9.9	U	2.5	9.9	r
71-55-6	1,1,1-Trichloroethane	4.9	U	0.49	4.9	r
78-93-3	Methyl Ethyl Ketone	25	U	4.9	25	r
563-58-6	1,1-Dichloropropene	4.9	U	0.49	4.9	r
71-43-2	Benzene	4.9	U	0.49	4.9	r
107-06-2	1,2-Dichloroethane	4.9	U	0.49	4.9	r
79-01-6	Trichloroethene	4.9	U	0.49	4.9	r
74-95-3	Dibromomethane	4.9	U	0.99	4.9	r
78-87-5	1,2-dichloropropane	4.9	U	0.99	4.9	r
75-27-4	Bromodichloromethane	4.9	U	0.99	4.9	r
10061-01-5	cis-1,3-Dichloropropene	4.9	U	0.49	4.9	r
108-88-3	Toluene	4.9	U	0.49	4.9	r
108-10-1	4-Methyl-2-Pentanone	25	U	4.9	25	r
127-18-4	Tetrachloroethene	4.9	U	0.99	4.9	r
10061-02-6	trans-1,3-Dichloropropene	4.9	U J	0.49	4.9	r
79-00-5	1,1,2-Trichloroethane	4.9	U	0.99	4.9	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-8 / MW-8 14'-15'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48033 Lab Sample ID: CR48036

Sample wt/vol: 6.23 (g/mL) g Lab File ID: 0826_31.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 19 Date Analyzed: 08/27/24

Instrument: CHEM03 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	4.9	U	0.99	4.9	r
142-28-9	1,3-Dichloropropane	4.9	U	0.99	4.9	r
106-93-4	1,2-Dibromoethane	4.9	U	0.49	4.9	r
591-78-6	2-Hexanone	25	UJ	4.9	25	r
108-90-7	Chlorobenzene	4.9	U	0.49	4.9	r
100-41-4	Ethylbenzene	4.9	U	0.49	4.9	r
630-20-6	1,1,1,2-Tetrachloroethane	4.9	U	0.99	4.9	r
179601-23-1	m&p-Xylene	4.9	U	0.99	4.9	r
95-47-6	o-Xylene	4.9	U	0.99	4.9	r
100-42-5	Styrene	4.9	U	0.49	4.9	r
75-25-2	Bromoform	4.9	U	0.99	4.9	r
98-82-8	Isopropylbenzene	4.9	U	0.49	4.9	r
108-86-1	Bromobenzene	4.9	UJ	0.49	4.9	r
103-65-1	n-Propylbenzene	4.9	U	0.99	4.9	r
79-34-5	1,1,2,2-Tetrachloroethane	4.9	U	0.99	4.9	r
95-49-8	2-Chlorotoluene	4.9	U	0.99	4.9	r
108-67-8	1,3,5-Trimethylbenzene	4.9	U	0.49	4.9	r
96-18-4	1,2,3-Trichloropropane	4.9	U	0.49	4.9	r
110-57-6	trans-1,4-Dichloro-2-butene	9.9	UJ	2.5	9.9	r
106-43-4	4-Chlorotoluene	4.9	UJ	0.49	4.9	r
98-06-6	tert-Butylbenzene	4.9	U	0.49	4.9	r
95-63-6	1,2,4-Trimethylbenzene	4.9	U	0.49	4.9	r
135-98-8	sec-Butylbenzene	4.9	U	0.49	4.9	r
99-87-6	p-Isopropyltoluene	4.9	U	0.49	4.9	r
541-73-1	1,3-Dichlorobenzene	4.9	UJ	0.49	4.9	r
106-46-7	1,4-Dichlorobenzene	4.9	UJ	0.49	4.9	r
527-84-4	2-Isopropyltoluene	4.9	U	0.49	4.9	r
104-51-8	n-Butylbenzene	4.9	UJ	0.49	4.9	r
95-50-1	1,2-Dichlorobenzene	4.9	UJ	0.49	4.9	r
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	0.99	4.9	r
87-68-3	Hexachlorobutadiene	4.9	U	0.49	4.9	r
120-82-1	1,2,4-Trichlorobenzene	4.9	UJ	0.99	4.9	r
91-20-3	Naphthalene	4.9	UJ	0.99	4.9	r
87-61-6	1,2,3-Trichlorobenzene	4.9	UJ	0.99	4.9	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E SIM, Isotope Dilution

Lab Job ID: GCR48033

Lab ID	Field ID	Collection Date	Matrix
CR48033	SB-8 / MW-8 8`-9`	8/22/2024	Soil
CR48035	SB-8 / MW-8 10`-11`	8/22/2024	Soil
CR48036	SB-8 / MW-8 14`-15`	8/24/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Within ICV of instrument CHEM36 compounds Hexachlorobenzene and 2-Nitrophenol were not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
 - 2-Nitroaniline, Di-n-oxyphthalate and 2,4-Dinitrophenol did not meet %D criteria which led to qualification within all samples associated with CCV of non-detect estimate "UJ" values.
 - Hexachlorocyclopentadiene was not within acceptable recovery for matrix samples of SB-8 / MW-8 14`-15` but was qualified as rejected by laboratory control sample, no further qualification needed. Benzoic Acid was below QC limits for RPD/recovery led to qualification of analyte as non-detect estimate "UJ" value within sample.
 - Hexachlorocyclopentadiene is qualified as rejected "R" values within samples due to recovery below laboratory limits within laboratory control sample CR48036LCS.
- Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM36 compounds Hexachlorobenzene and 2-Nitrophenol was not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			2-Nitroaniline, Di-n-oxyolphthalate and 2,4-Dinitrophenol did not meet %D criteria which led to qualification as non-detect estimate "UJ" values within all samples. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?				
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				SB-8 / MW-8 14'-15' MS/MSD
Were MS and MSD analyzed for SDG?	x			Hexachlorocyclopentadiene was not within acceptable recovery but was qualified as rejected in laboratory control sample, no further qualification needed. Benzoic Acid was below QC limits for RPD/recovery led to qualification of analyte as non-detect estimate "UJ" value within sample. See attachment.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Hexachlorocyclopentadiene is qualified as rejected "R" value within samples due to recovery below laboratory limits within laboratory control sample CR48036LCS. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure within continuous calibrations, matrix samples, and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

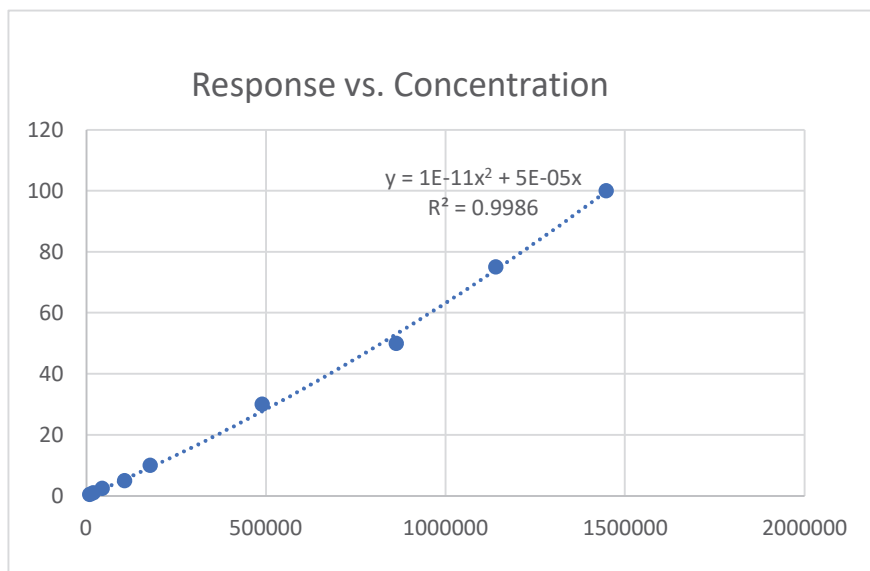
Instrument CHEM36

ICV Date and Time: 08/23/2024 13:28

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	1.744	8020	0.5
L2	1.738	17653	1
L3	1.662	42817	2.5
L4	1.738	105058	5
L5	1.748	176328	10
L6	1.687	488377	30
L7	1.697	861703	50
L8	1.620	1139463	75
L9	1.572	1446871	100
average	1.690		
RSD	3.7		



7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR48033

Instrument: CHEM36 Calibration Date: 08/29/24 Time: 00:36

Lab File Id: 0828_26.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.318	0.293	0.010	7.9	20 (40)
2,4,6-Trichlorophenol	0.345	0.359	0.200	-4.1	20 (40)
2,4,5-Trichlorophenol	0.381	0.382	0.200	-0.3	20 (40)
2-Chloronaphthalene	1.128	1.184	0.800	-5.0	20 (40)
4-Nitroaniline	0.328	0.355	0.010	-8.2	20 (40)
Dimethylphthalate	1.256	1.311	0.010	-4.4	20 (40)
2,6-Dinitrotoluene	0.270	0.304	0.200	-12.6	20 (40)
Acenaphthylene	1.794	1.976	0.900	-10.1	20 (40)
3-Nitroaniline	0.296	0.292	0.010	1.4	20 (40)
Acenaphthene	1.179	1.217	0.900	-3.2	20 (40)
2,4-Dinitrophenol qi	30	35.34		-17.8	20
Dibenzofuran	1.566	1.667	0.800	-6.4	20 (40)
2,4-Dinitrotoluene qi	30	32.12		-7.1	20
4-Nitrophenol	0.239	0.244	0.010	-2.1	20 (40)
Diethyl phthalate	1.223	1.285	0.010	-5.1	20 (40)
Fluorene	1.313	1.372	0.900	-4.5	20 (40)
4-Chlorophenyl phenyl ether	0.616	0.626	0.400	-1.6	20 (40)
2-Nitroaniline qi	30	21.10		29.7 #	20
4,6-Dinitro-2-methylphenol qi	30	35.48		-18.3	20
N-Nitrosodiphenylamine	0.991	1.015	0.010	-2.4	20 (40)
Azobenzene	1.388	1.404	0.010	-1.2	20 (40)
4-Bromophenyl phenyl ether	0.208	0.207	0.100	0.5	20 (40)
Hexachlorobenzene	0.093	0.088	* 0.100	5.4	20 (40)
Pentachlorophenol qi	30	29.62		1.3	20
Pentachloronitrobenzene	0.063	0.064	0.010	-1.6	20 (40)
Phenanthrene	1.087	1.119	0.700	-2.9	20 (40)
Anthracene	1.088	1.161	0.700	-6.7	20 (40)
Carbazole	1.056	1.076	0.010	-1.9	20 (40)
Di-n-butylphthalate qi	30	31.53		-5.1	20
Fluoranthene	1.148	1.207	0.600	-5.1	20 (40)
Pyrene	1.224	1.271	0.600	-3.8	20 (40)
Benzyl butyl phthalate	0.598	0.630	0.010	-5.4	20 (40)
Bis(2-ethylhexyl)phthalate	0.852	0.912	0.010	-7.0	20 (40)
Benz(a)anthracene	1.273	1.232	0.800	3.2	20 (40)
Chrysene	1.257	1.227	0.700	2.4	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs	Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.: GCR48033
Instrument:	CHEM36	Calibration Date:	08/29/24	Time: 00:36
Lab File Id:	0828_26.D	Init. Calib. Date(s):	08/23/24	08/23/24
Heated Purge (Y/N):	n.a.	Init. Calib. Times:	13:28	20:01
GC Column:	RXI-SVOCMS 16623	Method File:	36 SVFULL 0823.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR48033

Instrument: CHEM36 Calibration Date: 08/29/24 Time: 10:54

Lab File Id: 0828_51.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.270	0.311	0.010	-15.2	50
Acenaphthylene	1.794	1.989	0.010	-10.9	50
3-Nitroaniline	0.296	0.332	0.010	-12.2	50
Acenaphthene	1.179	1.190	0.010	-0.9	50
2,4-Dinitrophenol qi	30	22.43		25.2 #	20
Dibenzofuran	1.566	1.674	0.010	-6.9	50
2,4-Dinitrotoluene qi	30	32.72		-9.1	20
4-Nitrophenol	0.239	0.249	0.010	-4.2	50
Diethyl phthalate	1.223	1.298	0.010	-6.1	50
Fluorene	1.313	1.379	0.010	-5.0	50
4-Chlorophenyl phenyl ether	0.616	0.635	0.010	-3.1	50
2-Nitroaniline qi	30	30.52		-1.7	20
4,6-Dinitro-2-methylphenol qi	30	26.42		11.9	20
N-Nitrosodiphenylamine	0.991	1.054	0.010	-6.4	50
Azobenzene	1.388	1.422	0.010	-2.4	50
4-Bromophenyl phenyl ether	0.208	0.209	0.010	-0.5	50
Hexachlorobenzene	0.093	0.091	0.010	2.2	50
Pentachlorophenol qi	30	31.40		-4.7	20
Pentachloronitrobenzene	0.063	0.064	0.010	-1.6	50
Phenanthrene	1.087	1.126	0.010	-3.6	50
Anthracene	1.088	1.167	0.010	-7.3	50
Carbazole	1.056	1.091	0.010	-3.3	50
Di-n-butylphthalate qi	30	31.70		-5.7	20
Fluoranthene	1.148	1.204	0.010	-4.9	50
Pyrene	1.224	1.263	0.010	-3.2	50
Benzyl butyl phthalate	0.598	0.660	0.010	-10.4	50
Bis(2-ethylhexyl)phthalate	0.852	0.940	0.010	-10.3	50
Benz(a)anthracene	1.273	1.261	0.010	0.9	50
Chrysene	1.257	1.228	0.010	2.3	50
Di-n-octylphthalate	1.263	1.623	0.010	-28.5	50
3,3'-dichlorobenzidine	0.406	0.343	0.010	15.5	50
Benzo(b)fluoranthene	1.237	1.243	0.010	-0.5	50
Benzo(k)fluoranthene	1.260	1.248	0.010	1.0	50
Benzo(a)pyrene	1.054	1.112	0.010	-5.5	50
Indeno(1,2,3-cd)pyrene	1.037	1.025	0.010	1.2	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

3D
SOIL SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR48033

LCS Spike - Client Id: CR48036 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.		
Bis(2-chloroethoxy)methane	3333	0.0	2152	65	30	130	
Benzoic Acid	3333	0.0	2671	80	30	130	
2,4-Dichlorophenol	3333	0.0	2285	69	30	130	
1,2,4-Trichlorobenzene	3333	0.0	1749	52	30	130	
Naphthalene	3333	0.0	1919	58	30	130	
4-Chloroaniline	3333	0.0	2274	68	30	130	
Hexachlorobutadiene	3333	0.0	1677	50	30	130	
4-Chloro-3-methylphenol	3333	0.0	2516	75	30	130	
2-Methylnaphthalene	3333	0.0	1992	60	30	130	
Hexachlorocyclopentadiene	3333	0.0	258.1	8 *	30	130	
1,2,4,5-Tetrachlorobenzene	3333	0.0	1728	52	30	130	
2,4,6-Trichlorophenol	3333	0.0	2357	71	30	130	
2,4,5-Trichlorophenol	3333	0.0	2235	67	30	130	
2-Chloronaphthalene	3333	0.0	2081	62	30	130	
4-Nitroaniline	3333	0.0	2534	76	30	130	
Dimethylphthalate	3333	0.0	2371	71	30	130	
2,6-Dinitrotoluene	3333	0.0	2580	77	30	130	
Acenaphthylene	3333	0.0	1923	58	30	130	
3-Nitroaniline	3333	0.0	2957	89	30	130	
COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Bis(2-chloroethoxy)methane	3333	1935	58	11.4		30	130
Benzoic Acid	3333	1875	56	35.3 *		30	130
2,4-Dichlorophenol	3333	1993	60	14.0		30	130
1,2,4-Trichlorobenzene	3333	1800	54	3.8		30	130
Naphthalene	3333	1859	56	3.5		30	130
4-Chloroaniline	3333	1920	58	15.9		30	130
Hexachlorobutadiene	3333	1820	55	9.5		30	130
4-Chloro-3-methylphenol	3333	2120	64	15.8		30	130
2-Methylnaphthalene	3333	1897	57	5.1		30	130
Hexachlorocyclopentadiene	3333	1536	46	142.6 *		30	130
1,2,4,5-Tetrachlorobenzene	3333	1702	51	1.9		30	130
2,4,6-Trichlorophenol	3333	2134	64	10.4		30	130
2,4,5-Trichlorophenol	3333	2033	61	9.4		30	130
2-Chloronaphthalene	3333	2008	60	3.3		30	130
4-Nitroaniline	3333	2181	65	15.6		30	130
Dimethylphthalate	3333	2057	62	13.5		30	130
2,6-Dinitrotoluene	3333	2319	70	9.5		30	130
Acenaphthylene	3333	1830	55	5.3		30	130
3-Nitroaniline	3333	2483	74	18.4		30	130

FORM III SV

3D
SOIL SEMIVOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR48033

Matrix Spike - Client Id: CR48036 / SB-8 / MW-8 14'-15' MS Level:(low/med) _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.		
Bis(2-chloroethoxy)methane	4050	0.0	2453	61	30	130	
Benzoic Acid	4050	0.0	1732	43	30	130	
2,4-Dichlorophenol	4050	0.0	2560	63	30	130	
1,2,4-Trichlorobenzene	4050	0.0	2164	53	30	130	
Naphthalene	4050	0.0	2311	57	30	130	
4-Chloroaniline	4050	0.0	2535	63	30	130	
Hexachlorobutadiene	4050	0.0	2185	54	30	130	
4-Chloro-3-methylphenol	4050	0.0	2778	69	30	130	
2-Methylnaphthalene	4050	0.0	2343	58	30	130	
Hexachlorocyclopentadiene	4050	0.0	293.4	7 *	30	130	
1,2,4,5-Tetrachlorobenzene	4050	0.0	2103	52	30	130	
2,4,6-Trichlorophenol	4050	0.0	2656	66	30	130	
2,4,5-Trichlorophenol	4050	0.0	2608	64	30	130	
2-Chloronaphthalene	4050	0.0	2518	62	30	130	
4-Nitroaniline	4050	0.0	2885	71	30	130	
Dimethylphthalate	4050	0.0	2720	67	30	130	
2,6-Dinitrotoluene	4050	0.0	2936	72	30	130	
Acenaphthylene	4050	0.0	2312	57	30	130	
3-Nitroaniline	4050	0.0	3274	81	30	130	
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Bis(2-chloroethoxy)methane	4006	2679	67	9.4		30	130
Benzoic Acid	4006	1053	26 *	49.3	*	30	130
2,4-Dichlorophenol	4006	2808	70	10.5		30	130
1,2,4-Trichlorobenzene	4006	2438	61	14.0		30	130
Naphthalene	4006	2627	66	14.6		30	130
4-Chloroaniline	4006	2679	67	6.2		30	130
Hexachlorobutadiene	4006	2436	61	12.2		30	130
4-Chloro-3-methylphenol	4006	3009	75	8.3		30	130
2-Methylnaphthalene	4006	2597	65	11.4		30	130
Hexachlorocyclopentadiene	4006	655.9	16 *	75.9	*	30	130
1,2,4,5-Tetrachlorobenzene	4006	2326	58	10.9		30	130
2,4,6-Trichlorophenol	4006	2957	74	11.4		30	130
2,4,5-Trichlorophenol	4006	2827	71	10.4		30	130
2-Chloronaphthalene	4006	2776	69	10.7		30	130
4-Nitroaniline	4006	3084	77	8.1		30	130
Dimethylphthalate	4006	2897	72	7.2		30	130
2,6-Dinitrotoluene	4006	3144	78	8.0		30	130
Acenaphthylene	4006	2519	63	10.0		30	130
3-Nitroaniline	4006	3414	85	4.8		30	130

FORM III SV

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-8 / MW-8 8'-9'
SDG No.:	GCR48033	Lab Sample ID:	CR48033	
Sample wt/vol:	15.44 (g/mL)	g	Lab File ID:	0828_34.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	24		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	430	U	120	430	r
110-86-1	Pyridine	430	U	100	430	r
108-95-2	Phenol	300	U	140	300	r
111-44-4	Bis(2-chloroethyl)ether	430	U	120	430	r
62-53-3	Aniline	430	U	170	430	r
95-57-8	2-Chlorophenol	300	U	120	300	r
541-73-1	1,3-Dichlorobenzene	300	U	130	300	r
106-46-7	1,4-Dichlorobenzene	300	U	130	300	r
95-50-1	1,2-Dichlorobenzene	300	U	120	300	r
95-48-7	2-Methylphenol (o-cresol)	300	U	170	300	r
108-60-1	Bis(2-chloroisopropyl)ether	300	U	120	300	r
621-64-7	N-Nitrosodi-n-propylamine	300	U	140	300	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	430	U	170	430	r
98-86-2	Acetophenone	300	U	130	300	r
67-72-1	Hexachloroethane	300	U	130	300	r
98-95-3	Nitrobenzene	300	U	150	300	r
78-59-1	Isophorone	300	U	120	300	r
88-75-5	2-Nitrophenol	300	U	170	300	r
105-67-9	2,4-Dimethylphenol	300	U	110	300	r
111-91-1	Bis(2-chloroethoxy)methane	300	U	120	300	r
65-85-0	Benzoic Acid	850	U	170	850	r
120-83-2	2,4-Dichlorophenol	300	U	150	300	r
120-82-1	1,2,4-Trichlorobenzene	300	U	130	300	r
91-20-3	Naphthalene	300	U	120	300	r
106-47-8	4-Chloroaniline	300	U	170	300	r
87-68-3	Hexachlorobutadiene	300	U	150	300	r
59-50-7	4-Chloro-3-methylphenol	300	U	150	300	r
91-57-6	2-Methylnaphthalene	300	U	130	300	r
77-47-4	Hexachlorocyclopentadiene	300	U	130	300	r
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	100	300	r
88-06-2	2,4,6-Trichlorophenol	300	U	140	300	r
95-95-4	2,4,5-Trichlorophenol	300	U	110	300	r
91-58-7	2-Chloronaphthalene	300	U	120	300	r
100-01-6	4-Nitroaniline	680	U	140	680	r
131-11-3	Dimethylphthalate	300	U	130	300	r
606-20-2	2,6-Dinitrotoluene	300	U	130	300	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-8 / MW-8 8'-9'
SDG No.:	<u>GCR48033</u>	Lab Sample ID:	<u>CR48033</u>	
Sample wt/vol:	<u>15.44</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_34.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>24</u>	Date Extracted:	<u>08/28/24</u>	
Instrument:	<u>CHEM36</u>	Inj. Vol. <u> </u> (uL)	Date Analyzed:	<u>08/29/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u> </u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u> </u> ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	300	U	120	300	r
99-09-2	3-Nitroaniline	430	U	170	430	r
83-32-9	Acenaphthene	300	U	130	300	r
51-28-5	2,4-Dinitrophenol	430	UJ	210	430	r
132-64-9	Dibenzofuran	300	U	120	300	r
121-14-2	2,4-Dinitrotoluene	300	U	170	300	r
100-02-7	4-Nitrophenol	300	U	85	300	r
84-66-2	Diethyl phthalate	300	U	130	300	r
86-73-7	Fluorene	300	U	140	300	r
7005-72-3	4-Chlorophenyl phenyl ether	300	U	140	300	r
88-74-4	2-Nitroaniline	430	UJ	170	430	r
534-52-1	4,6-Dinitro-2-methylphenol	430	U	170	430	r
86-30-6	N-Nitrosodiphenylamine	430	U	160	430	r
122-66-7	Azobenzene	430	U	170	430	r
101-55-3	4-Bromophenyl phenyl ether	430	U	130	430	r
118-74-1	Hexachlorobenzene	300	U	120	300	r
87-86-5	Pentachlorophenol	430	U	160	430	r
82-68-8	Pentachloronitrobenzene	430	U	130	430	r
85-01-8	Phenanthrene	300	U	120	300	r
120-12-7	Anthracene	300	U	140	300	r
86-74-8	Carbazole	430	U	170	430	r
84-74-2	Di-n-butylphthalate	430	UJ	170	430	r
206-44-0	Fluoranthene	300	U	140	300	r
92-87-5	Benzidine	300	U	170	300	r
129-00-0	Pyrene	300	U	150	300	r
85-68-7	Benzyl butyl phthalate	300	U	110	300	r
117-81-7	Bis(2-ethylhexyl)phthalate	430	U	120	430	r
56-55-3	Benz(a)anthracene	300	U	140	300	r
218-01-9	Chrysene	300	U	140	300	r
117-84-0	Di-n-octylphthalate	300	U	110	300	r
91-94-1	3,3'-dichlorobenzidine	300	U	200	300	r
205-99-2	Benzo(b)fluoranthene	300	U	150	300	r
207-08-9	Benzo(k)fluoranthene	300	U	140	300	r
50-32-8	Benzo(a)pyrene	300	U	140	300	r
193-39-5	Indeno(1,2,3-cd)pyrene	300	U	140	300	r
53-70-3	Dibenz(a,h)anthracene	300	U	140	300	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-8 / MW-8 10`-11`
SDG No.:	GCR48033	Lab Sample ID:	CR48035	
Sample wt/vol:	15.09 (g/mL) g	Lab File ID:	0828_35.D	
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/23/24	
% Moisture:	26	Date Extracted:	08/28/24	
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	450	U	130	450	r
110-86-1	Pyridine	450	U	110	450	r
108-95-2	Phenol	310	U	140	310	r
111-44-4	Bis(2-chloroethyl)ether	450	U	120	450	r
62-53-3	Aniline	450	U	180	450	r
95-57-8	2-Chlorophenol	310	U	130	310	r
541-73-1	1,3-Dichlorobenzene	310	U	130	310	r
106-46-7	1,4-Dichlorobenzene	310	U	130	310	r
95-50-1	1,2-Dichlorobenzene	310	U	130	310	r
95-48-7	2-Methylphenol (o-cresol)	310	U	180	310	r
108-60-1	Bis(2-chloroisopropyl)ether	310	U	120	310	r
621-64-7	N-Nitrosodi-n-propylamine	310	U	150	310	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	450	U	180	450	r
98-86-2	Acetophenone	310	U	140	310	r
67-72-1	Hexachloroethane	310	U	130	310	r
98-95-3	Nitrobenzene	310	U	160	310	r
78-59-1	Isophorone	310	U	130	310	r
88-75-5	2-Nitrophenol	310	U	180	310	r
105-67-9	2,4-Dimethylphenol	310	U	110	310	r
111-91-1	Bis(2-chloroethoxy)methane	310	U	120	310	r
65-85-0	Benzoic Acid	900	U	180	900	r
120-83-2	2,4-Dichlorophenol	310	U	160	310	r
120-82-1	1,2,4-Trichlorobenzene	310	U	140	310	r
91-20-3	Naphthalene	310	U	130	310	r
106-47-8	4-Chloroaniline	310	U	180	310	r
87-68-3	Hexachlorobutadiene	310	U	160	310	r
59-50-7	4-Chloro-3-methylphenol	310	U	160	310	r
91-57-6	2-Methylnaphthalene	310	U	130	310	r
77-47-4	Hexachlorocyclopentadiene	310	U	140	310	r
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	110	310	r
88-06-2	2,4,6-Trichlorophenol	310	U	140	310	r
95-95-4	2,4,5-Trichlorophenol	310	U	120	310	r
91-58-7	2-Chloronaphthalene	310	U	130	310	r
100-01-6	4-Nitroaniline	720	U	150	720	r
131-11-3	Dimethylphthalate	310	U	140	310	r
606-20-2	2,6-Dinitrotoluene	310	U	140	310	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-8 / MW-8 10`-11`
SDG No.:	<u>GCR48033</u>	Lab Sample ID:	<u>CR48035</u>	
Sample wt/vol:	<u>15.09</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_35.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>26</u>	Date Extracted:	<u>08/28/24</u>	
Instrument:	<u>CHEM36</u>	Inj. Vol. <u> </u> (uL)	Date Analyzed:	<u>08/29/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u> </u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u> </u> ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	310	U	130	310	r
99-09-2	3-Nitroaniline	450	U	180	450	r
83-32-9	Acenaphthene	310	U	140	310	r
51-28-5	2,4-Dinitrophenol	450	UJ	220	450	r
132-64-9	Dibenzofuran	310	U	130	310	r
121-14-2	2,4-Dinitrotoluene	310	U	180	310	r
100-02-7	4-Nitrophenol	310	U	90	310	r
84-66-2	Diethyl phthalate	310	U	140	310	r
86-73-7	Fluorene	310	U	150	310	r
7005-72-3	4-Chlorophenyl phenyl ether	310	U	150	310	r
88-74-4	2-Nitroaniline	450	UJ	180	450	r
534-52-1	4,6-Dinitro-2-methylphenol	450	U	180	450	r
86-30-6	N-Nitrosodiphenylamine	450	U	170	450	r
122-66-7	Azobenzene	450	U	180	450	r
101-55-3	4-Bromophenyl phenyl ether	450	U	130	450	r
118-74-1	Hexachlorobenzene	310	U	130	310	r
87-86-5	Pentachlorophenol	450	U	170	450	r
82-68-8	Pentachloronitrobenzene	450	U	130	450	r
85-01-8	Phenanthrene	310	U	130	310	r
120-12-7	Anthracene	310	U	150	310	r
86-74-8	Carbazole	450	U	180	450	r
84-74-2	Di-n-butylphthalate	450	UJ	180	450	r
206-44-0	Fluoranthene	310	U	150	310	r
92-87-5	Benzidine	310	U	180	310	r
129-00-0	Pyrene	310	U	150	310	r
85-68-7	Benzyl butyl phthalate	310	U	120	310	r
117-81-7	Bis(2-ethylhexyl)phthalate	450	U	130	450	r
56-55-3	Benz(a)anthracene	310	U	150	310	r
218-01-9	Chrysene	310	U	150	310	r
117-84-0	Di-n-octylphthalate	310	U	120	310	r
91-94-1	3,3'-dichlorobenzidine	310	U	210	310	r
205-99-2	Benzo(b)fluoranthene	310	U	150	310	r
207-08-9	Benzo(k)fluoranthene	310	U	150	310	r
50-32-8	Benzo(a)pyrene	310	U	150	310	r
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	150	310	r
53-70-3	Dibenz(a,h)anthracene	310	U	150	310	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-8 / MW-8 14'-15'
SDG No.:	GCR48033	Lab Sample ID:	CR48036	
Sample wt/vol:	15.32 (g/mL)	g	Lab File ID:	0828_30.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	19		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U	99	400	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	U	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HXN - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	130	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	100	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	810	UJ	160	810	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	120	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	150	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U R	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	97	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	640	U	130	640	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV. Reviewer Comment: Due to recovery below laboratory limit for associated matrix spike samples, analyte Benzoic Acid is qualified as non-detected estimate "UJ" values for within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-8 / MW-8 14'-15'
SDG No.:	GCR48033	Lab Sample ID:	CR48036	
Sample wt/vol:	15.32 (g/mL)	g	Lab File ID:	0828_30.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	19		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	UJ	200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U	81	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	140	280	r
88-74-4	2-Nitroaniline	400	UJ	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	U	160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	150	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	120	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	120	400	r
56-55-3	Benz(a)anthracene	280	U	140	280	r
218-01-9	Chrysene	280	U	140	280	r
117-84-0	Di-n-octylphthalate	280	UJ	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP
#NY11301)



Method Review: PCB

Lab Job ID: **GCR48033**

Lab ID	Field ID	Collection Date	Matrix
CR48033	SB-8 / MW-8 8`-9`	8/22/2024	Soil
CR48035	SB-8 / MW-8 10`-11`	8/22/2024	Soil
CR48036	SB-8 / MW-8 14`-15`	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD08 while samples were analyzed on ECD03. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values.

All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Arcelor standard (C3) and within RT window?	x			
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?		x		Samples run on instrument EDC03 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?	x			While matrix samples were present, they were analyzed on a different instrument than samples evaluated on ECD03 thus no qualification will be made based on this data.
Were MS/MSD (%R) and RPD within QC?	x			
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			While laboratory control samples were present, they were analyzed on a different instrument than samples evaluated on ECD03 thus no qualification will be made based on this data.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) within ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			

Criteria	Y	N	NA	Comment
K. Field Duplicates				
Were Field Duplicated identified within sample package?		x		
Was RPD less than 50%?			x	
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.



Calculation Spot Check

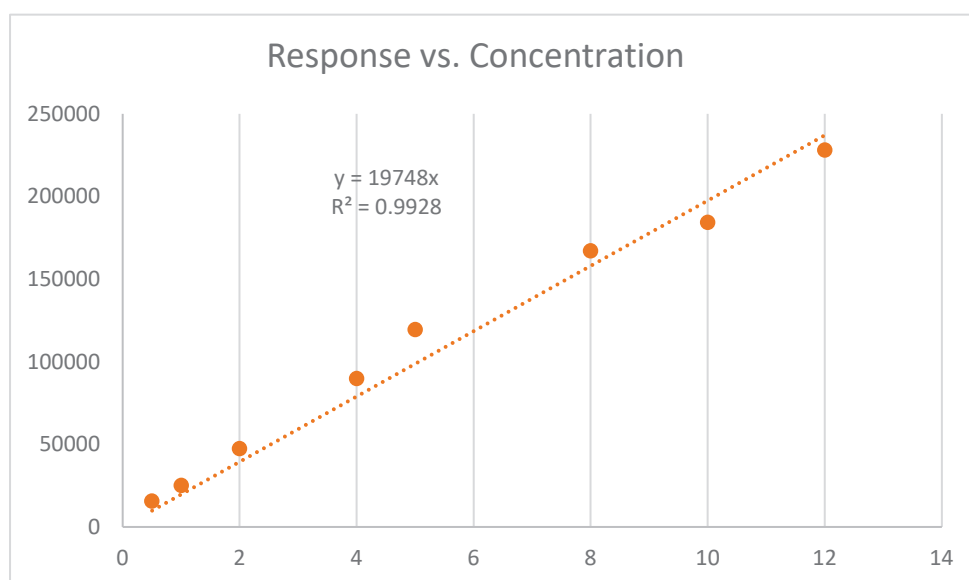
Instrument: ECD03

ICV Date and Time: 08/19/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.030	0.5	15603.69
LV2	0.028	1	25070.18
LV3	0.026	2.0000	47214.98
LV4	0.024	4.0000	89696.94
LV5	0.026	5.0000	119388.57
LV6	0.023	8.0000	166914.21
LV7	0.024	10.0000	184117.18
LV8	0.036	12.0000	228018.55
Mean	0.027		
%RSD	15.70		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.



Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR48033

Lab ID	Field ID	Collection Date	Matrix
CR48033	SB-8 / MW-8 8`-9`	8/22/2024	Soil
CR48035	SB-8 / MW-8 10`-11`	8/22/2024	Soil
CR48036	SB-8 / MW-8 14`-15`	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD35 while samples were analyzed on ECD33. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. No analytes were detected, thus no qualification needed.
- Within Continues Calibrations, Endosulfan I was above laboratory limits %D of CCV of instrument ECD33 associated with sample CR48035 and CR48036. Endosulfan I and Endosulfan II was above laboratory limits %D of CCV of instrument ECD33 associated with sample CR48033. Samples will have these analyte qualified as a non-detect estimate "UJ" values.
- It is noted confirmation did not meet %D for CR48036 LCS/LCSDS of 40%, no further qualification needed.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?			x	Endosulfan I was above laboratory limits %D of CCV of instrument ECD33 associated with sample CR48035 and CR48036. Endosulfan I and Endosulfan II was above laboratory limits %D of CCV of instrument ECD33 associated with sample CR48033. Samples will have these analyte qualified as a non-detect estimate "UJ" values. See attachment.
Were (%D), relative respond factors (RRF) and RT within criteria?		x		
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			
PEM % breakdown did not exceed criteria?	x			

Criteria	Y	N	NA	Comment
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			While blanks were present, they were analyzed on a different instrument than samples evaluated on ECD33, thus all detection will be qualified as estimate "J" values. No analytes were detected, no further qualification.
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminants found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards?	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SDG or matrix?	x			While matrix samples were present, they were analyzed on a different instrument than samples evaluated on ECD33, thus no qualification will be made based on this data.
Was MS/MSD done at specific frequency required by criteria?	x			
Were MS/MSD (%R) and RPD within QC?	x			
H. Laboratory control sample				
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			While laboratory control samples were present, they were analyzed on a different instrument than samples evaluated on ECD33, thus no qualification will be made based on this data.
Was LCS (%R) within QC Limits?	x			

Criteria	Y	N	NA	Comment
I. Field Duplicates				
Were field duplicates collected?		x		
Were %RPD < 50% for observed analytes?			x	
J. Florisil Cartridge Performance Check				
Were %R within specification.	x			
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are within calculated window?	x			
%D of target analytes and Toxaphene are calculated to less than 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			Confirmation did not meet %D for CR48036 LCS/LCSDS of 40%, no further qualification needed.
M. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
N. EPA Regional QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		

Criteria	Y	N	NA	Comment
O. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration qualification is needed. All results are within Cat. B criterion and usable.



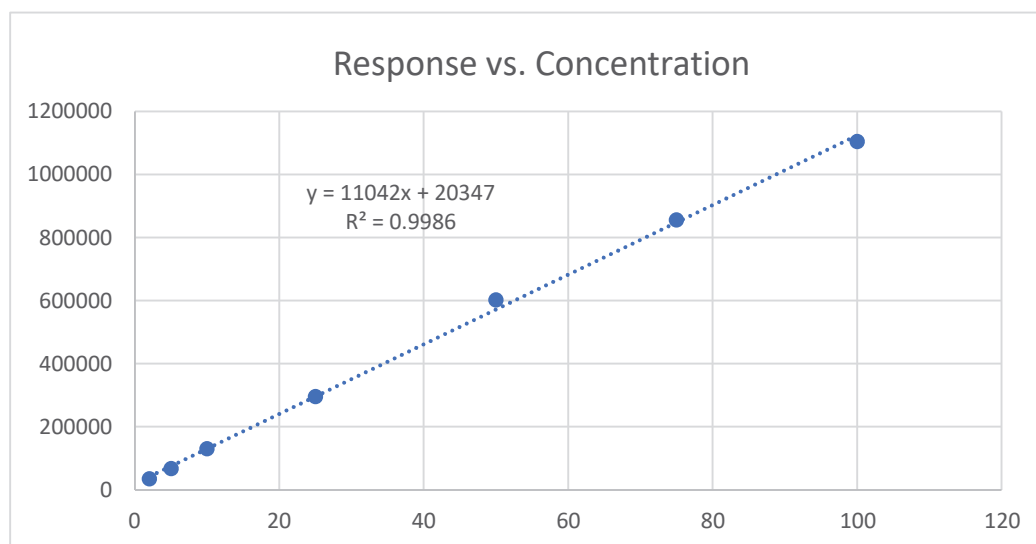
Calculation Spot Check

Instrument: ECD33

ICV Date and Time: 8/13/24

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	2.656	34480	2
L2	2.556	67205	5
L3	2.395	130271	10
L4	2.339	295809	25
L5	2.322	602003	50
L6	2.224	855874	75
L7	3.433	1105033	100
average	2.561		
RSD	16.08		



Reviewer Comment: Qualification of analyte Endosulfan I as estimate "UJ" value within associated samples (CR48035 and CR48036) is due to %D results above laboratory limit.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48033

GC Col A: Rtx-CLP ID: 0.53 (mm) Init. Calib. Date(s): 08/13/24 08/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 08/30/24

LAB Sample ID (PEM): mix 4;32v - 830A032 Time Analyzed: 19:18

Instrument: ECD33 File: 830A032

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.71	3.94	4.04	54	50	8		2.561
beta-BHC	4.06	4.29	4.39	56	50	12		0.980
delta-BHC	4.22	4.45	4.55	53	50	6		2.351
gamma-BHC (Lindane)	3.99	4.22	4.32	54	50	8		2.301
Heptachlor	4.40	4.64	4.74	55	50	10		2.182
Aldrin	4.66	4.90	5.00	55	50	10		2.152
Heptachlor Epoxide	5.16	5.42	5.56	54	50	8		1.892
Endosulfan I	5.51	5.81	5.95	62	50	24	*	1.769
Dieldrin	5.74	6.05	6.19	55	50	10		1.914
4,4' -DDE	5.46	5.73	5.87	50	50	0		1.627
Endrin	5.97	6.30	6.44	58	50	16		1.692
Endosulfan II	6.19	6.55	6.69	53	50	6		1.642
4,4' -DDD	6.03	6.35	6.49	51	50	2		1.398
Endosulfan Sulfate	7.14	7.54	7.68	56	50	12		1.470
4,4' -DDT	6.32	6.67	6.81	52	50	4		1.515
Methoxychlor	6.88	7.24	7.38	52	50	4		0.778
Endrin ketone	7.47	7.84	7.98	52	50	4		1.720
Endrin Aldehyde	6.64	7.03	7.17	54	50	8		1.392
alpha-Chlordane	5.39	5.67	5.81	52	50	4		1.934
gamma-Chlordane	5.27	5.54	5.68	54	50	8		1.875
Decachlorobiphenyl	8.53	8.81	9.01	62	80	23	*	1.544
Tetrachloro-m-xylene	3.23	3.43	3.53	81	80	1		1.266

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification of analyte Endosulfan I as estimate "UJ" value within associated samples (CR48033) is due to %D results above laboratory limit.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48033

GC Col A: Rtx-CLP ID: 0.53 (mm) Init. Calib. Date(s): 08/13/24 08/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 08/30/24

LAB Sample ID (PEM): mix 4;32v - 830A046 Time Analyzed: 23:27

Instrument: ECD33 File: 830A046

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.72	3.94	4.04	54	50	8		2.561
beta-BHC	4.07	4.29	4.39	57	50	14		0.980
delta-BHC	4.22	4.45	4.55	53	50	6		2.351
gamma-BHC (Lindane)	4.00	4.22	4.32	55	50	10		2.301
Heptachlor	4.41	4.64	4.74	56	50	12		2.182
Aldrin	4.66	4.90	5.00	56	50	12		2.152
Heptachlor Epoxide	5.16	5.42	5.56	56	50	12		1.892
Endosulfan I	5.52	5.81	5.95	61	50	22	*	1.769
Dieldrin	5.74	6.05	6.19	57	50	14		1.914
4,4' -DDE	5.46	5.73	5.87	55	50	10		1.627
Endrin	5.97	6.30	6.44	60	50	20		1.692
Endosulfan II	6.20	6.55	6.69	56	50	12		1.642
4,4' -DDD	6.03	6.35	6.49	54	50	8		1.398
Endosulfan Sulfate	7.14	7.54	7.68	57	50	14		1.470
4,4' -DDT	6.32	6.67	6.81	54	50	8		1.515
Methoxychlor	6.87	7.24	7.38	54	50	8		0.778
Endrin ketone	7.47	7.84	7.98	56	50	12		1.720
Endrin Aldehyde	6.64	7.03	7.17	57	50	14		1.392
alpha-Chlordane	5.39	5.67	5.81	54	50	8		1.934
gamma-Chlordane	5.28	5.54	5.68	57	50	14		1.875
Decachlorobiphenyl	8.53	8.81	9.01	70	80	13		1.544
Tetrachloro-m-xylene	3.23	3.43	3.53	83	80	4		1.266

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification of analyte Endosulfan II as estimate "UJ" value within associated samples (CR48033) is due to %D results above laboratory limit.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48033

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 08/13/24 08/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 08/30/24

LAB Sample ID (PEM): mix 4;32v - 830B046 Time Analyzed: 23:27

Instrument: ECD33 File: 830B046

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.17	4.22	4.32	50	50	0		2.514
beta-BHC	4.67	4.72	4.82	47	50	6		1.121
delta-BHC	4.89	4.94	5.04	48	50	4		2.559
gamma-BHC (Lindane)	4.48	4.54	4.64	56	50	12		2.240
Heptachlor	5.04	5.11	5.21	51	50	2		2.423
Aldrin	5.37	5.45	5.55	55	50	10		2.341
Heptachlor Epoxide	5.82	5.88	6.02	56	50	12		2.134
Endosulfan I	6.24	6.33	6.47	57	50	14		1.936
Dieldrin	6.58	6.67	6.81	59	50	18		1.990
4,4' -DDE	6.45	6.53	6.67	49	50	2		2.059
Endrin	6.86	6.96	7.10	58	50	16		1.872
Endosulfan II	7.16	7.25	7.39	61	50	22	*	1.736
4,4' -DDD	7.11	7.21	7.35	44	50	12		1.424
Endosulfan Sulfate	7.64	7.72	7.86	52	50	4		1.764
4,4' -DDT	7.53	7.62	7.76	51	50	2		1.621
Methoxychlor	8.15	8.22	8.36	51	50	2		0.851
Endrin ketone	8.19	8.26	8.40	54	50	8		1.832
Endrin Aldehyde	7.33	7.42	7.56	55	50	10		1.426
alpha-Chlordane	6.20	6.29	6.43	56	50	12		2.049
gamma-Chlordane	6.11	6.19	6.33	53	50	6		2.236
Decachlorobiphenyl	9.66	9.71	9.91	89	80	11		1.706
Tetrachloro-m-xylene	3.74	3.80	3.90	82	80	3		1.392

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification analyte Endosulfan I as non-detect estimate “UJ” values is due to % D results above laboratory limit within associated CCV (file 830A046 primary).

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-8 / MW-8 8'-9'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD33

Column.: Rtx-CLP 0.32

SDG No.: GCR48033

Matrix: (soil/water) Soil

Lab Sample ID: CR48033

Sample wt/vol: 15.44 (g/mL) g

Lab File ID: 830A048

% Moisture: 24

decanted: (Y/N) N

Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/31/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.561	8.5	C	U	8.5	8.5
319-85-7	beta-BHC	0.980	8.5	C	U	8.5	8.5
319-86-8	delta-BHC	2.351	8.5	C	U	8.5	8.5
58-89-9	gamma-BHC (Lindane)	NA	1.7	C	U	1.7	1.7
76-44-8	Heptachlor	NA	8.5	C	U	8.5	8.5
309-00-2	Aldrin	NA	4.3	C	U	4.3	4.3
1024-57-3	Heptachlor Epoxide	NA	8.5	C	U	8.5	8.5
959-98-8	Endosulfan I	NA	8.5	C	UJ	8.5	8.5
60-57-1	Dieldrin	1.914	4.3	C	U	4.3	4.3
72-55-9	4,4' -DDE	1.627	2.6	C	U	2.6	2.6
72-20-8	Endrin	1.692	8.5	C	U	8.5	8.5
33213-65-9	Endosulfan II	NA	8.5	C	U	8.5	8.5
72-54-8	4,4' -DDD	1.398	2.6	C	U	2.6	2.6
1031-07-8	Endosulfan Sulfate	1.471	8.5	C	U	8.5	8.5
50-29-3	4,4' -DDT	1.515	2.6	C	U	2.6	2.6
72-43-5	Methoxychlor	0.778	43	C	U	43	43
53494-70-5	Endrin ketone	1.720	8.5	C	U	8.5	8.5
7421-93-4	Endrin Aldehyde	NA	8.5	C	U	8.5	8.5
8001-35-2	Toxaphene	NA	170	C	U	170	170
5103-71-9	alpha-Chlordane	1.934	4.3	C	U	4.3	4.3
5103-74-2	gamma-Chlordane	1.875	4.3	C	U	4.3	4.3
57-74-9	Chlordane	NA	43	C	U	43	43
2051-24-3	Decachlorobiphenyl	1.544	80	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	83	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.44wt-vol * 0.76%sol) = 43

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analyte Endosulfan II as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV (file 830B046 confirmation).

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-8 / MW-8 8'-9'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD33

Column.: Rtx-440 0.32

SDG No.: GCR48033

Matrix: (soil/water) Soil

Lab Sample ID: CR48033

Sample wt/vol: 15.44 (g/mL) g

Lab File ID: 830B048

% Moisture: 24

decanted: (Y/N) N

Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/31/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.5	P	U	8.5	8.5
319-85-7	beta-BHC	NA	8.5	P	U	8.5	8.5
319-86-8	delta-BHC	NA	8.5	P	U	8.5	8.5
58-89-9	gamma-BHC (Lindane)	2.240	1.7	P	U	1.7	1.7
76-44-8	Heptachlor	NA	8.5	P	U	8.5	8.5
309-00-2	Aldrin	2.340	4.3	P	U	4.3	4.3
1024-57-3	Heptachlor Epoxide	2.134	8.5	P	U	8.5	8.5
959-98-8	Endosulfan I	NA	8.5	P	U	8.5	8.5
60-57-1	Dieldrin	NA	4.3	P	U	4.3	4.3
72-55-9	4,4' -DDE	2.059	2.6	P	U	2.6	2.6
72-20-8	Endrin	1.872	8.5	P	U	8.5	8.5
33213-65-9	Endosulfan II	NA	8.5	P	UJ	8.5	8.5
72-54-8	4,4' -DDD	NA	2.6	P	U	2.6	2.6
1031-07-8	Endosulfan Sulfate	NA	8.5	P	U	8.5	8.5
50-29-3	4,4' -DDT	1.621	2.6	P	U	2.6	2.6
72-43-5	Methoxychlor	NA	43	P	U	43	43
53494-70-5	Endrin ketone	1.832	8.5	P	U	8.5	8.5
7421-93-4	Endrin Aldehyde	NA	8.5	P	U	8.5	8.5
8001-35-2	Toxaphene	NA	170	P	U	170	170
5103-71-9	alpha-Chlordane	NA	4.3	P	U	4.3	4.3
5103-74-2	gamma-Chlordane	2.236	4.3	P	U	4.3	4.3
57-74-9	Chlordane	NA	43	P	U	43	43
2051-24-3	Decachlorobiphenyl	1.706	90	P		%	%
877-09-8	Tetrachloro-m-xylene	1.392	82	P		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.44wt-vol * 0.76%sol) = 43

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analyte Endosulfan I as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV (file 830A032 primary).

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-8 / MW-8 10'-11'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD33

Column.: Rtx-CLP 0.32

SDG No.: GCR48033

Matrix: (soil/water) Soil

Lab Sample ID: CR48035

Sample wt/vol: 15.46 (g/mL) g

Lab File ID: 830A043

% Moisture: 26

decanted: (Y/N) N

Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/30/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.7	C	U	8.7	8.7
319-85-7	beta-BHC	0.980	8.7	C	U	8.7	8.7
319-86-8	delta-BHC	2.351	8.7	C	U	8.7	8.7
58-89-9	gamma-BHC (Lindane)	NA	1.7	C	U	1.7	1.7
76-44-8	Heptachlor	NA	8.7	C	U	8.7	8.7
309-00-2	Aldrin	NA	4.4	C	U	4.4	4.4
1024-57-3	Heptachlor Epoxide	NA	8.7	C	U	8.7	8.7
959-98-8	Endosulfan I	NA	8.7	C	U J	8.7	8.7
60-57-1	Dieldrin	1.915	4.4	C	U	4.4	4.4
72-55-9	4,4' -DDE	NA	2.6	C	U	2.6	2.6
72-20-8	Endrin	1.691	8.7	C	U	8.7	8.7
33213-65-9	Endosulfan II	1.642	8.7	C	U	8.7	8.7
72-54-8	4,4' -DDD	NA	2.6	C	U	2.6	2.6
1031-07-8	Endosulfan Sulfate	NA	8.7	C	U	8.7	8.7
50-29-3	4,4' -DDT	1.515	2.6	C	U	2.6	2.6
72-43-5	Methoxychlor	NA	44	C	U	44	44
53494-70-5	Endrin ketone	NA	8.7	C	U	8.7	8.7
7421-93-4	Endrin Aldehyde	1.392	8.7	C	U	8.7	8.7
8001-35-2	Toxaphene	NA	170	C	U	170	170
5103-71-9	alpha-Chlordane	1.934	4.4	C	U	4.4	4.4
5103-74-2	gamma-Chlordane	1.875	4.4	C	U	4.4	4.4
57-74-9	Chlordane	NA	44	C	U	44	44
2051-24-3	Decachlorobiphenyl	1.544	70	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	77	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.46wt-vol * 0.74%sol) = 44

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification analyte Endosulfan I as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV (file 830A032 primary).

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-8 / MW-8 14'-15'

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD33

Column.: Rtx-CLP 0.32

SDG No.: GCR48033

Matrix: (soil/water) Soil

Lab Sample ID: CR48036

Sample wt/vol: 15.3 (g/mL) g

Lab File ID: 830A041

% Moisture: 19

decanted: (Y/N) N

Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown

Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/30/24

Injection Volume: 1 (ul)

Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.1	C	U	8.1	8.1
319-85-7	beta-BHC	0.980	8.1	C	U	8.1	8.1
319-86-8	delta-BHC	2.351	8.1	C	U	8.1	8.1
58-89-9	gamma-BHC (Lindane)	NA	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	NA	8.1	C	U	8.1	8.1
309-00-2	Aldrin	NA	4.0	C	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	1.893	8.1	C	U	8.1	8.1
959-98-8	Endosulfan I	NA	8.1	C	U J	8.1	8.1
60-57-1	Dieldrin	1.914	4.0	C	U	4.0	4.0
72-55-9	4,4' -DDE	1.627	2.4	C	U	2.4	2.4
72-20-8	Endrin	1.692	8.1	C	U	8.1	8.1
33213-65-9	Endosulfan II	1.642	8.1	C	U	8.1	8.1
72-54-8	4,4' -DDD	1.398	2.4	C	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	8.1	C	U	8.1	8.1
50-29-3	4,4' -DDT	1.515	2.4	C	U	2.4	2.4
72-43-5	Methoxychlor	NA	40	C	U	40	40
53494-70-5	Endrin ketone	NA	8.1	C	U	8.1	8.1
7421-93-4	Endrin Aldehyde	1.392	8.1	C	U	8.1	8.1
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	C	U	4.0	4.0
5103-74-2	gamma-Chlordane	1.875	4.0	C	U	4.0	4.0
57-74-9	Chlordane	NA	40	C	U	40	40
2051-24-3	Decachlorobiphenyl	1.544	78	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	76	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.30wt-vol * 0.81%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: Method 6010D Metals

Lab Job ID: GCR48033

Lab ID	Field ID	Collection Date	Matrix
CR48033	SB-8 / MW-8 8`-9`	8/22/2024	Soil
CR48035	SB-8 / MW-8 10`-11`	8/22/2024	Soil
CR48036	SB-8 / MW-8 14`-15`	8/22/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

- It is noted the CRDL was not within recover limits of Mercury but also was no detected within any samples, no further qualification is needed.
- Within laboratory duplicate samples Arsenic failure in RPD occurred in sample CR47889 which was not part of the sample package . No further qualification is needed.

Data is within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



Method 6010D Metals

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of aqueous/TCLP/SPLP samples of 180 days preserved with nitric acid (pH>2)?	x			
Technical Hold Time of soil/sediment/wipe samples of 180 days ?	x			
B. Calibration				
Was an initial calibration done when system was set up or after CCV failure?	x			
Were 5 calibration standards and blank run at or below CRQL but above MDL?	x			
Were initial and continuous calibration verification (ICV and CCV) within NFG guidelines of %R (table 3)?	x			
C. Blanks				
Were contaminants found?		x		
Initial Calibration Blank (ICB) was analyzed after standards and run after ICV?	x			
Continuing Calibration Blank (CCB) was ran after every CCV every 2 hrs.	x			

Criteria	Y	N	NA	Comment
D. Laboratory Control Samples				
Was LCS analyzed for every group of aqueous/soil/ sediment /wipes samples in each SDG?(LCS is spiked 2X the CRQL for the associated matrix.)?	x			
Were %Rs within control limit of 70-130%? (Except for Sb and Ag , 50-150%)	x			
E. Matrix Spike/Matrix duplicate				SB-8 / MW-8 14' -15' Mercury and CR47889
Were MS and MSD analyzed for SGD?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?	x			
F. Duplicate Samples				SB-8 / MW-8 14' -15' Mercury and CR47889
Was at least one duplicate sample run per matrix or SDG?	x			Arsenic failure in RPD occurred in sample CR47889 which was not part of the sample package . No further qualification is needed.
Were control limit of 50% Relative Percent Difference between 'original' and duplicate?		x		
Were control limit CRQL of <5X found?	x			
G. Serial Dilution				CR47889
Was ICP serial dilution performed on each sample for each group of the same (aqueous/soil/sediment similar matrix or SDG?	x			
Was %D of original compared to dilution $\leq 10\%$?(%D > 15% may be used for soil)	x			
H. Performance Evaluation Sample				
Were PE samples analyzed with the field samples and field blanks in SDG?	x			

Criteria	Y	N	NA	Comment
Were results within warning limits (95% confidence interval) and action limit (99% confidence interval)	x			
I. Regional EPA QA/QC				
Were regional protocols of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
J. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.



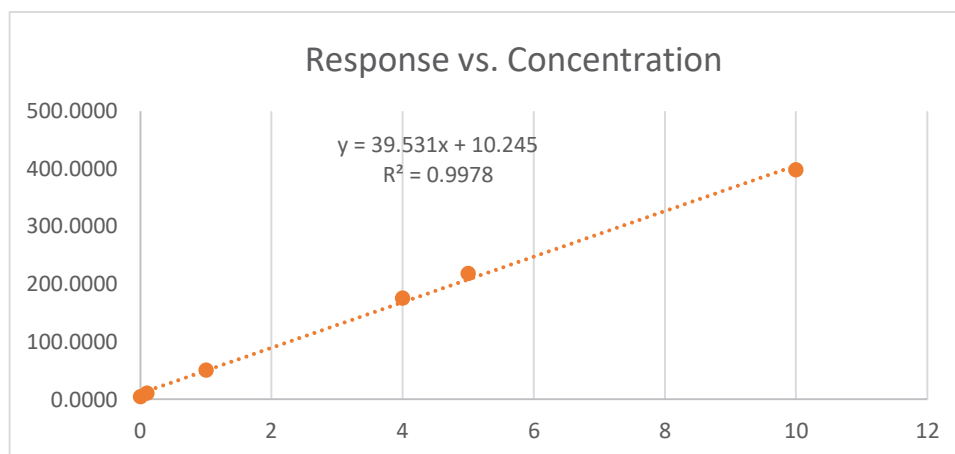
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 8/27/24 8:04

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	4.3803	0	-0.1484
STD85	10.2630	0.1000	0.005
STD86	50.4519	1.0000	1.01781
STD87	175.1519	4.0000	4.1716
STD88	218.0610	5.0000	5.2571
STD89	397.7293	10.0000	9.8021





ENVIRONMENTAL
ASSESSMENT &
REMEDiations

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 04/28/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR48041_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR48041_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



Newton Plaza Associates, LLC - Data Usability Summary Report for August 23, 2024, Soil and Water Samples

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Lab Job: GCR48041									
Method Evaluated									
Lab ID	Field ID	Collection Date	Matrix	8260D Soil	8260D Water	8270E	8081B	8082A	6010D & 7471B
CR48041	EQUIPMENT BLANK	8/23/2024	Water		x				
CR48042	SB-9/MW-9 8-9'	8/23/2024	Soil	x		x	x	x	x
CR48043	SB-9/MW-9 12-13'	8/23/2024	Soil	x		x	x	x	x
CR48044	SB-9/MW-9 13.5-15'	8/23/2024	Soil	x		x	x	x	x
CR48045	SB-10/MW-10 7-8'	8/23/2024	Soil	x		x	x	x	x
CR48046	SB-10/MW-10 15-16.5'	8/23/2024	Soil	x		x	x	x	x
CR48047	SB-10/MW-10 19-20'	8/23/2024	Soil	x		x	x	x	x
CR48048	DUP-3	8/23/2024	Soil	x					
CR48049	TRIP BLANK LL	8/23/2024	Soil	x					

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)
- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)



- Method 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides by Gas Chromatography (February 2007)
- Method 6010D Inductively Coupled Plasma—Optical Emission Spectrometry, revision 5 (June 2018)
- Method 7471B Mercury in Solid or Semisolid Wastes (Manual Cold-Vapor Technique) (February 2007)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets criterion for compliance with methods 8260D, 8270E, 8081.B, 8082A, 6010D and 7471B except for rejected data due to instrument issues as noted in section 8270E. Percent solid method E160.3 was run, and all samples are over 30% solid.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR48041**

Lab ID	Field ID	Collection Date	Matrix
CR48042	SB-9/MW-9 8-9'	8/23/2024	Soil
CR48043	SB-9/MW-9 12-13'	8/23/2024	Soil
CR48044	SB-9/MW-9 13.5-15'	8/23/2024	Soil
CR48045	SB-10/MW-10 7-8'	8/23/2024	Soil
CR48046	SB-10/MW-10 15-16.5'	8/23/2024	Soil
CR48047	SB-10/MW-10 19-20'	8/23/2024	Soil
CR48048	DUP-3	8/23/2024	Soil
CR48049	TRIP BLANK LL	8/23/2024	Soil
CR48050	TRIP BLANK HL	8/23/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration of instrument CHEM 18, Acetone was above laboratory criteria for %RSD, which led to qualification within two associated samples, CR48044 and CR48045 as estimate "J" values.
- Within continuous calibration of instrument CHEM18 analyte Acetone %deviations (%D) was above laboratory criteria leading to qualification of non-detect estimates "UJ" values with associated samples.
- No analytes were detected within field duplicate samples SB-10/MW-10 19-20' and DUP-3, no further qualification is needed.
- Sample CR48045 had internal standards 1,4-Dichlorobenzene-d4 and Chlorobenzene-d5 area below 50% which lead to associated analytes to be qualified as non-detect estimate "UJ" values.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48041



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration of instrument CHEM 18, Acetone was above laboratory criteria for %RSD, which led to qualification within two associated samples, CR48044 and CR48045 as estimate "J" values. See attachment
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Within continuous calibration of instrument CHEM18 analyte Acetone %deviations (%D) was above laboratory criteria leading to qualification of non-detect estimates "UJ" values with associated samples. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				TRIP BLANK LL and TRIP BLANK HL
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			

Criteria	Y	N	NA	Comment
G. Matrix Spike/Matrix Duplicate				CR48270 MS-H
Were MS and MSD analyzed for SDG?	x			While a matrix sample was present it was not associate with an other samples within batch, no further qualification is needed.
Was MS/MSD done every 20 samples?	x			
Were MS/MSD (%R) and RPD within QC?	x			
H. Field Duplicate				SB-10/MW-10 19-20' and DUP-3
Were field duplicates identified in this SGD?	x			No analytes were detected within field duplicate samples SB-10/MW-10 19-20' and DUP-3, no further qualification is needed.
Were target compounds detected in it? Were RPDs less than 50%?			x	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?		x		Sample CR48045 had internal standards 1,4-Dichlorobenzene-d4 and Chlorobenzene-d5 area below 50% which lead to associated analytes to be qualified as non-detect estimate "UJ" values. See attachment.
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater that 30%?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			

Criteria	Y	N	NA	Comment
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			x	
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in laboratory criteria within initial calibration, continuous calibration and internal compounds (standards). All data is usable.

Calculation Spot Check

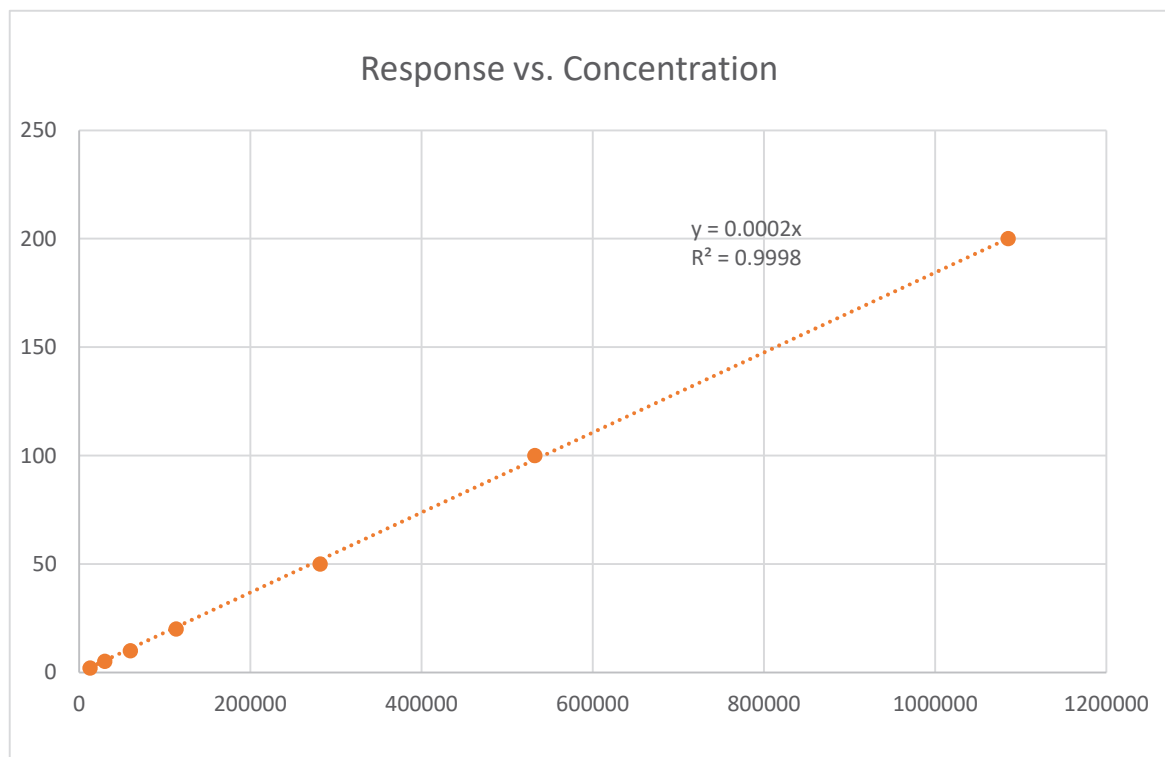
Instrument: CHEM14

ICV Date and time :08/12/24 20:19

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.908	12849	2
L2	0.904	30121	5
L3	0.926	59731	10
L4	0.943	113247	20
L5	0.964	281719	50
L6	0.978	532562	100
L7	0.988	1085322	200
average	0.944		
RSD	3.5		



Calculation Spot Check

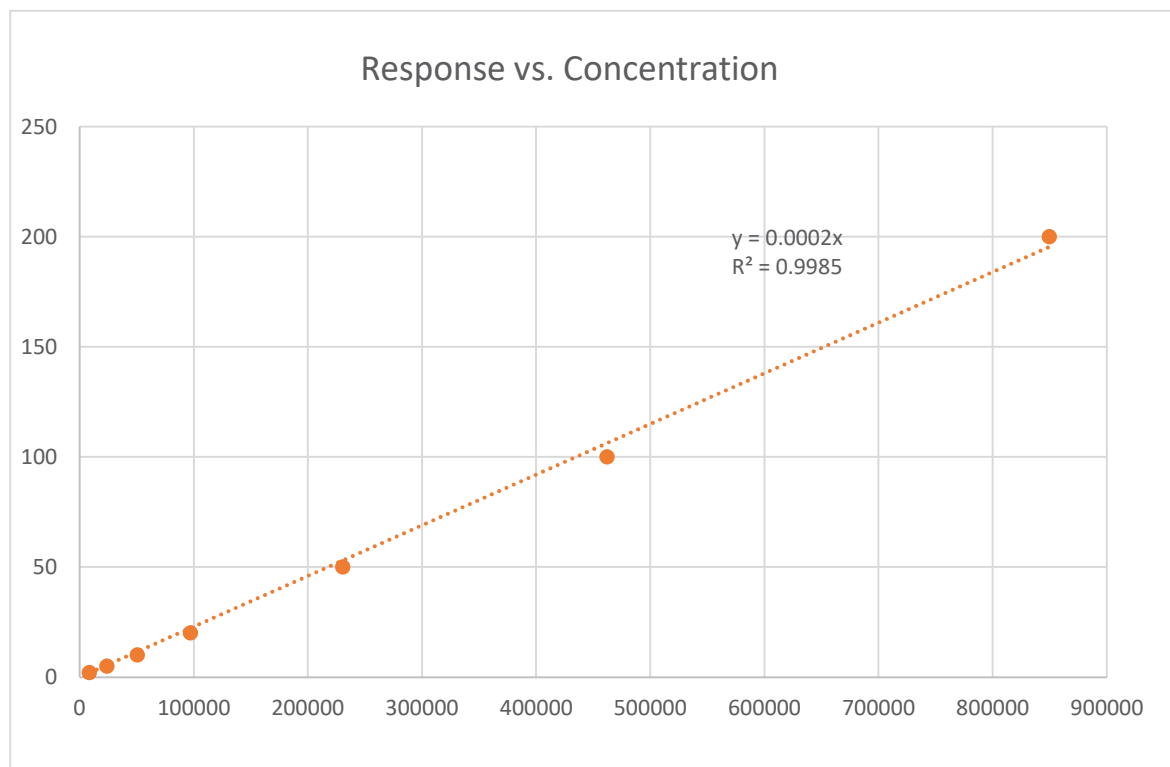
Instrument: CHEM18

ICV Date and time : 08/16/24 11:27

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.658	8465	2
L2	0.805	23787	5
L3	0.879	50450	10
L4	0.826	97065	20
L5	0.842	230493	50
L6	0.878	461977	100
L7	0.853	849502	200
average	0.820		
RSD	9.3		



6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: LABELLALab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48041Instrument ID: CHEM18 Calibration Date(s): 08/16/24 08/16/24Heated Purge (Y/N): Y Calibration Time(s): 11:27 13:26GC Column: _____ Method File: VT-M081624.M

LAB FILE ID:

RRF 2	0816_07.D	RRF 5	0816_08.D	RRF 10	0816_09.D	RRF 20	0816_10.D
RRF 50	0816_11.D	RRF 100	0816_12.D	RRF 200	0816_13.D		

COMPOUND		RRF 2	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100	RRF 200		RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane		0.698	0.926	1.053	0.992	1.010	1.108	1.084		0.982	14.2	20 (40)
Chloromethane		0.658	0.805	0.879	0.826	0.842	0.878	0.853		0.820	9.3	20 (40)
Vinyl Chloride		0.578	0.775	0.849	0.771	0.799	0.824	0.798		0.771	11.6	20 (30)
Bromomethane		0.493	0.538	0.529	0.509	0.512	0.514	0.485		0.511	3.6	20 (40)
Chloroethane		0.350	0.483	0.501	0.454	0.461	0.476	0.438		0.452	11.0	20 (40)
Trichlorofluoromethane		0.891	1.218	1.313	1.239	1.231	1.266	1.191		1.193	11.6	20 (40)
1,1-Dichloroethene		0.483	0.639	0.646	0.615	0.613	0.630	0.604		0.604	9.2	20 (30)
Trichlorotrifluoroethane		0.347	0.481	0.553	0.499	0.483	0.499	0.479		0.477	13.2	20 (40)
Carbon Disulfide		1.430	1.920	2.086	1.946	1.934	1.946	1.868		1.876	11.1	20 (40)
Methylene Chloride		0.721	0.739	0.719	0.641	0.648	0.658	0.648		0.682	6.2	20 (40)
Acetone			0.216	0.145	0.123	0.120	0.117	0.118		0.140	27.7 +	20 (40)
Trans-1,2-Dichloroethene		0.541	0.674	0.741	0.682	0.677	0.697	0.679		0.670	9.2	20 (40)
Methyl t-Butyl Ether (MTBE)		1.152	1.422	1.497	1.363	1.427	1.446	1.452		1.394	8.2	20 (40)
1,1-Dichloroethane		1.107	1.396	1.392	1.281	1.286	1.307	1.271		1.291	7.5	20 (40)
Acrylonitrile		0.123	0.148	0.144	0.126	0.129	0.135	0.135		0.134	6.8	20 (40)
Cis-1,2-Dichloroethene		0.578	0.708	0.748	0.679	0.682	0.715	0.692		0.686	7.8	20 (40)
2,2-Dichloropropane		0.665	0.891	0.942	0.909	0.975	1.030	1.035		0.921	13.7	20 (40)
Bromochloromethane		0.221	0.284	0.287	0.257	0.249	0.258	0.251		0.258	8.7	20 (40)
Chloroform		1.133	1.380	1.345	1.212	1.174	1.207	1.170		1.232	7.6	20 (30)
Carbon Tetrachloride		0.645	0.902	0.955	0.905	0.951	1.015	1.026		0.914	14.0	20 (40)
Tetrahydrofuran (THF)		0.106	0.118	0.112	0.100	0.109	0.111	0.110		0.110	5.2	20 (40)
1,1,1-Trichloroethane		0.832	1.084	1.124	1.054	1.105	1.149	1.125		1.067	10.1	20 (40)
Methyl Ethyl Ketone		0.158	0.215	0.186	0.148	0.159	0.165	0.167		0.171	13.3	20 (40)
1,1-Dichloropropene		0.384	0.489	0.537	0.514	0.497	0.545	0.502		0.496	10.8	20 (40)
Benzene		1.142	1.400	1.396	1.362	1.325	1.428	1.310		1.337	7.2	20 (40)
1,2-Dichloroethane		0.316	0.379	0.395	0.390	0.386	0.418	0.392		0.382	8.3	20 (40)
Trichloroethene		0.259	0.331	0.359	0.351	0.335	0.367	0.334		0.334	10.7	20 (40)
Dibromomethane		0.127	0.153	0.157	0.157	0.166	0.180	0.171		0.159	10.7	20 (40)
1,2-dichloropropane		0.281	0.333	0.334	0.331	0.333	0.360	0.326		0.328	7.2	20 (30)
Bromodichloromethane		0.296	0.388	0.401	0.396	0.414	0.442	0.411		0.392	11.7	20 (40)
cis-1,3-Dichloropropene		0.363	0.438	0.458	0.476	0.493	0.552	0.509		0.470	12.7	20 (40)
Toluene		0.627	0.780	0.775	0.791	0.766	0.833	0.767		0.763	8.4	20 (30)
4-Methyl-2-Pentanone		0.151	0.176	0.176	0.171	0.186	0.199	0.190		0.178	8.6	20 (40)
Tetrachloroethene		0.215	0.256	0.286	0.285	0.266	0.297	0.272		0.268	10.2	20 (40)
trans-1,3-Dichloropropene		0.245	0.324	0.340	0.347	0.371	0.411	0.389		0.347	15.6	20 (40)
1,1,2-Trichloroethane		0.178	0.216	0.213	0.211	0.213	0.227	0.217		0.211	7.2	20 (40)
Dibromochloromethane		0.177	0.235	0.253	0.250	0.269	0.289	0.274		0.250	14.7	20 (40)
1,3-Dichloropropane		0.364	0.424	0.433	0.420	0.424	0.432	0.392		0.413	6.1	20 (40)
1,2-Dibromoethane		0.182	0.224	0.228	0.213	0.220	0.231	0.212		0.216	7.6	20 (40)
2-Hexanone		0.158	0.166	0.148	0.138	0.141	0.149	0.141		0.149	6.9	20 (40)
Chlorobenzene		0.698	0.866	0.853	0.819	0.800	0.824	0.740		0.800	7.6	20 (40)
Ethylbenzene		0.370	0.462	0.492	0.472	0.444	0.453	0.408		0.443	9.4	20 (30)
1,1,1,2-Tetrachloroethane		0.194	0.264	0.270	0.258	0.260	0.273	0.254		0.253	10.7	20 (40)
m&p-Xylene		0.474	0.583	0.609	0.566	0.535	0.549	0.497		0.545	8.7	20 (40)
o-Xylene		0.474	0.596	0.607	0.582	0.573	0.584	0.526		0.563	8.3	20 (40)
Styrene		0.792	0.942	0.940	0.906	0.856	0.866	0.779		0.869	7.6	20 (40)
Bromoform		0.087	0.125	0.126	0.121	0.132	0.141	0.136		0.124	14.3	20 (40)
Isopropylbenzene		0.631	0.861	0.899	0.879	0.831	0.879	0.784		0.823	11.3	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR48041

Instrument: CHEM18 Calibration Date: 08/25/24 Time: 19:34

Lab File Id: 0825_02.D Init. Calib. Date(s): 08/16/24 08/16/24

Heated Purge (Y/N): Y Init. Calib. Times: 11:27 13:26

GC Column: RTX-VMS Method File: VT-M081624.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	273728	243392	n.a.	88.9	50-200
1,4-Difluorobenzene (IS Area/Area%)	542439	461431	n.a.	85.1	50-200
Chlorobenzene-d5 (IS Area/Area%)	530633	462798	n.a.	87.2	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	253654	234632	n.a.	92.5	50-200
1,4-Dioxane d8 (IS Area/Area%)	12018	10444	n.a.	86.9	n.a.
Dichlorodifluoromethane	0.982	0.932	0.010	5.1	20 (60)
Chloromethane	0.820	0.739	0.010	9.9	20 (60)
Vinyl Chloride	0.771	0.727	0.010	5.7	20 (40)
Bromomethane	0.511	0.509	0.010	0.4	20 (60)
Chloroethane	0.452	0.448	0.010	0.9	20 (40)
Trichlorofluoromethane	1.193	1.238	0.010	-3.8	20 (40)
1,1-Dichloroethene	0.604	0.627	0.060	-3.8	20 (40)
Trichlorotrifluoroethane	0.477	0.527	0.050	-10.5	20 (40)
Carbon Disulfide	1.876	1.909	0.100	-1.8	20 (40)
Methylene Chloride	0.682	0.641	0.010	6.0	20 (40)
Acetone	0.140	0.109	0.010	22.1 +	20 (60)
Trans-1,2-Dichloroethene	0.670	0.692	0.100	-3.3	20 (40)
Methyl t-Butyl Ether (MTBE)	1.394	1.404	0.100	-0.7	20 (40)
1,1-Dichloroethane	1.291	1.236	0.300	4.3	20 (40)
Acrylonitrile	0.134	0.121	0.050	9.7	20 (40)
Cis-1,2-Dichloroethene	0.686	0.716	0.200	-4.4	20 (40)
2,2-Dichloropropane	0.921	1.067	0.050	-15.9	20 (40)
Bromochloromethane	0.258	0.267	0.100	-3.5	20 (40)
Chloroform	1.232	1.181	0.300	4.1	20 (40)
Carbon Tetrachloride	0.914	1.005	0.100	-10.0	20 (40)
Tetrahydrofuran (THF)	0.110	0.093	0.050	15.5	20 (40)
1,1,1-Trichloroethane	1.067	1.140	0.050	-6.8	20 (40)
Methyl Ethyl Ketone	0.171	0.147	0.010	14.0	20 (60)
1,1-Dichloropropene	0.496	0.524	0.050	-5.6	20 (40)
Benzene	1.337	1.349	0.200	-0.9	20 (40)
1,2-Dichloroethane	0.382	0.397	0.070	-3.9	20 (40)
Trichloroethene	0.334	0.376	0.200	-12.6	20 (40)
Dibromomethane	0.159	0.170	0.050	-6.9	20 (40)
1,2-dichloropropane	0.328	0.319	0.200	2.7	20 (40)
Bromodichloromethane	0.392	0.429	0.300	-9.4	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR48041

Lab Method / File Id: VT-M081624.M / 0825_02.D Date Analyzed: 08/25/24

Instrument ID: CHEM18 Time Analyzed: 19:34

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (PFB) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #	IS4 (DCB) AREA #	RT #	LAB FILE ID
REFERENCE STD	243392	3.43	461431	3.77	462798	5.88	234632	7.94	0825_02.D
UPPER LIMIT	498954	3.93	945934	4.27	948736	6.38	480996	8.44	0825_02.D
LOWER LIMIT	120479	2.93	228408	3.27	229085	5.38	116143	7.44	0825_02.D
CLIENT ID									
01 CR47747 LCS	252928	3.42	475866	3.77	473942	5.88	237368	7.94	0825_03.D
02 CR47747 LCSD	254848	3.42	481172	3.77	475523	5.88	236835	7.94	0825_04.D
03 CR47747 LCS-H	258304	3.43	476049	3.77	469753	5.88	228405	7.94	0825_05.D
04 CR47747 LCSD-H	262912	3.42	471316	3.77	467211	5.88	225082	7.94	0825_06.D
05 CR47747 BLANK-H	300352	3.42	544438	3.77	501556	5.88	267490	7.94	0825_08.D
06 CR47747 BLANK	306560	3.42	558509	3.77	514224	5.88	271527	7.94	0825_09.D
07 TRIP BLANK LL	300288	3.43	541770	3.77	495547	5.88	256971	7.94	0825_10.D
08 TRIP BLANK HL 50X	281600	3.42	513316	3.77	467772	5.88	247504	7.94	0825_11.D
09 SB-9/MW-9 8-9'	298176	3.43	541620	3.77	494900	5.88	256959	7.94	0825_18.D
10 SB-9/MW-9 12-13'	315456	3.43	559307	3.77	509790	5.88	263664	7.94	0825_19.D
11 SB-9/MW-9 13.5-15'	185408	3.43	346684	3.77	320609	5.88	166881	7.94	0825_20.D
12 SB-10/MW-10 7-8'	126856	3.43	240472	3.77	217912 *	5.88	112358 *	7.94	0825_21.D
13 SB-10/MW-10 15-16.5'	310784	3.43	568919	3.77	524517	5.88	267008	7.94	0825_22.D
14 SB-10/MW-10 19-20'	284480	3.43	513564	3.77	459538	5.88	218812	7.94	0825_23.D
15 DUP-3	285568	3.42	537615	3.77	469633	5.88	203163	7.94	0825_24.D
16									
17									
18									
19									
20									
21									
22									

IS1 (PFB) = Pentafluorobenzene
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5
 IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

FORM VIII VOA

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-9/MW-9 8-9

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48042

Sample wt/vol: 5.47 (g/mL) g Lab File ID: 0825_18.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 16 Date Analyzed: 08/26/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.4	U	0.54	5.4	r
74-87-3	Chloromethane	5.4	U	1.1	5.4	r
75-01-4	Vinyl Chloride	5.4	U	0.54	5.4	r
74-83-9	Bromomethane	5.4	U	2.2	5.4	r
75-00-3	Chloroethane	5.4	U	0.54	5.4	r
75-69-4	Trichlorofluoromethane	5.4	U	1.1	5.4	r
75-35-4	1,1-Dichloroethene	5.4	U	0.54	5.4	r
76-13-1	Trichlorotrifluoroethane	5.4	U	0.54	5.4	r
75-15-0	Carbon Disulfide	5.4	U	1.1	5.4	r
75-09-2	Methylene Chloride	11	U	5.4	11	r
67-64-1	Acetone	27	UJ	5.4	27	r
156-60-5	Trans-1,2-Dichloroethene	5.4	U	0.54	5.4	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.4	U	1.1	5.4	r
107-13-1	Acrylonitrile	11	U	0.54	11	r
156-59-2	Cis-1,2-Dichloroethene	5.4	U	0.54	5.4	r
594-20-7	2,2-Dichloropropane	5.4	U	0.54	5.4	r
74-97-5	Bromochloromethane	5.4	U	0.54	5.4	r
67-66-3	Chloroform	5.4	U	0.54	5.4	r
56-23-5	Carbon Tetrachloride	5.4	U	1.1	5.4	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.7	11	r
71-55-6	1,1,1-Trichloroethane	5.4	U	0.54	5.4	r
78-93-3	Methyl Ethyl Ketone	27	U	5.4	27	r
563-58-6	1,1-Dichloropropene	5.4	U	0.54	5.4	r
71-43-2	Benzene	5.4	U	0.54	5.4	r
107-06-2	1,2-Dichloroethane	5.4	U	0.54	5.4	r
79-01-6	Trichloroethene	5.4	U	0.54	5.4	r
74-95-3	Dibromomethane	5.4	U	1.1	5.4	r
78-87-5	1,2-dichloropropane	5.4	U	1.1	5.4	r
75-27-4	Bromodichloromethane	5.4	U	1.1	5.4	r
10061-01-5	cis-1,3-Dichloropropene	5.4	U	0.54	5.4	r
108-88-3	Toluene	5.4	U	0.54	5.4	r
108-10-1	4-Methyl-2-Pentanone	27	U	5.4	27	r
127-18-4	Tetrachloroethene	5.4	U	1.1	5.4	r
10061-02-6	trans-1,3-Dichloropropene	5.4	U	0.54	5.4	r
79-00-5	1,1,2-Trichloroethane	5.4	U	1.1	5.4	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-9/MW-9 12-13'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48043

Sample wt/vol: 6.45 (g/mL) g Lab File ID: 0825_19.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 17 Date Analyzed: 08/26/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	4.7	U	0.47	4.7	r
74-87-3	Chloromethane	4.7	U	0.94	4.7	r
75-01-4	Vinyl Chloride	4.7	U	0.47	4.7	r
74-83-9	Bromomethane	4.7	U	1.9	4.7	r
75-00-3	Chloroethane	4.7	U	0.47	4.7	r
75-69-4	Trichlorofluoromethane	4.7	U	0.94	4.7	r
75-35-4	1,1-Dichloroethene	4.7	U	0.47	4.7	r
76-13-1	Trichlorotrifluoroethane	4.7	U	0.47	4.7	r
75-15-0	Carbon Disulfide	4.7	U	0.94	4.7	r
75-09-2	Methylene Chloride	9.4	U	4.7	9.4	r
67-64-1	Acetone	23	UJ	4.7	23	r
156-60-5	Trans-1,2-Dichloroethene	4.7	U	0.47	4.7	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	9.4	U	0.94	9.4	r
75-34-3	1,1-Dichloroethane	4.7	U	0.94	4.7	r
107-13-1	Acrylonitrile	9.4	U	0.47	9.4	r
156-59-2	Cis-1,2-Dichloroethene	4.7	U	0.47	4.7	r
594-20-7	2,2-Dichloropropane	4.7	U	0.47	4.7	r
74-97-5	Bromochloromethane	4.7	U	0.47	4.7	r
67-66-3	Chloroform	4.7	U	0.47	4.7	r
56-23-5	Carbon Tetrachloride	4.7	U	0.94	4.7	r
109-99-9	Tetrahydrofuran (THF)	9.4	U	2.3	9.4	r
71-55-6	1,1,1-Trichloroethane	4.7	U	0.47	4.7	r
78-93-3	Methyl Ethyl Ketone	23	U	4.7	23	r
563-58-6	1,1-Dichloropropene	4.7	U	0.47	4.7	r
71-43-2	Benzene	4.7	U	0.47	4.7	r
107-06-2	1,2-Dichloroethane	4.7	U	0.47	4.7	r
79-01-6	Trichloroethene	4.7	U	0.47	4.7	r
74-95-3	Dibromomethane	4.7	U	0.94	4.7	r
78-87-5	1,2-dichloropropane	4.7	U	0.94	4.7	r
75-27-4	Bromodichloromethane	4.7	U	0.94	4.7	r
10061-01-5	cis-1,3-Dichloropropene	4.7	U	0.47	4.7	r
108-88-3	Toluene	4.7	U	0.47	4.7	r
108-10-1	4-Methyl-2-Pentanone	23	U	4.7	23	r
127-18-4	Tetrachloroethene	4.7	U	0.94	4.7	r
10061-02-6	trans-1,3-Dichloropropene	4.7	U	0.47	4.7	r
79-00-5	1,1,2-Trichloroethane	4.7	U	0.94	4.7	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-9/MW-9 13.5-15'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48044

Sample wt/vol: 5.36 (g/mL) g Lab File ID: 0825_20.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 17 Date Analyzed: 08/26/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.6	U	0.56	5.6	r
74-87-3	Chloromethane	5.6	U	1.1	5.6	r
75-01-4	Vinyl Chloride	5.6	U	0.56	5.6	r
74-83-9	Bromomethane	5.6	U	2.2	5.6	r
75-00-3	Chloroethane	5.6	U	0.56	5.6	r
75-69-4	Trichlorofluoromethane	5.6	U	1.1	5.6	r
75-35-4	1,1-Dichloroethene	5.6	U	0.56	5.6	r
76-13-1	Trichlorotrifluoroethane	5.6	U	0.56	5.6	r
75-15-0	Carbon Disulfide	5.6	U	1.1	5.6	r
75-09-2	Methylene Chloride	11	U	5.6	11	r
67-64-1	Acetone	32	J S	5.6	28	r
156-60-5	Trans-1,2-Dichloroethene	5.6	U	0.56	5.6	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.6	U	1.1	5.6	r
107-13-1	Acrylonitrile	11	U	0.56	11	r
156-59-2	Cis-1,2-Dichloroethene	5.6	U	0.56	5.6	r
594-20-7	2,2-Dichloropropane	5.6	U	0.56	5.6	r
74-97-5	Bromochloromethane	5.6	U	0.56	5.6	r
67-66-3	Chloroform	5.6	U	0.56	5.6	r
56-23-5	Carbon Tetrachloride	5.6	U	1.1	5.6	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.8	11	r
71-55-6	1,1,1-Trichloroethane	5.6	U	0.56	5.6	r
78-93-3	Methyl Ethyl Ketone	28	U	5.6	28	r
563-58-6	1,1-Dichloropropene	5.6	U	0.56	5.6	r
71-43-2	Benzene	5.6	U	0.56	5.6	r
107-06-2	1,2-Dichloroethane	5.6	U	0.56	5.6	r
79-01-6	Trichloroethene	5.6	U	0.56	5.6	r
74-95-3	Dibromomethane	5.6	U	1.1	5.6	r
78-87-5	1,2-dichloropropane	5.6	U	1.1	5.6	r
75-27-4	Bromodichloromethane	5.6	U	1.1	5.6	r
10061-01-5	cis-1,3-Dichloropropene	5.6	U	0.56	5.6	r
108-88-3	Toluene	5.6	U	0.56	5.6	r
108-10-1	4-Methyl-2-Pentanone	28	U	5.6	28	r
127-18-4	Tetrachloroethene	5.6	U	1.1	5.6	r
10061-02-6	trans-1,3-Dichloropropene	5.6	U	0.56	5.6	r
79-00-5	1,1,2-Trichloroethane	5.6	U	1.1	5.6	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to recovery below 50% of internal standard 1,4-Dichlorobenzene-d4 and Chlorobenzene-d5 lead to qualification of associated analytes within sample as non-detect estimate "UJ" values. Qualification Acetone as estimate "J" values is due to %RSD results above laboratory limit within associated ICV.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-10/MW-10 7-8'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48045

Sample wt/vol: 5.15 (g/mL) g Lab File ID: 0825_21.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 16 Date Analyzed: 08/26/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.8	U	0.58	5.8	r
74-87-3	Chloromethane	5.8	U	1.2	5.8	r
75-01-4	Vinyl Chloride	5.8	U	0.58	5.8	r
74-83-9	Bromomethane	5.8	U	2.3	5.8	r
75-00-3	Chloroethane	5.8	U	0.58	5.8	r
75-69-4	Trichlorofluoromethane	5.8	U	1.2	5.8	r
75-35-4	1,1-Dichloroethene	5.8	U	0.58	5.8	r
76-13-1	Trichlorotrifluoroethane	5.8	U	0.58	5.8	r
75-15-0	Carbon Disulfide	5.8	U	1.2	5.8	r
75-09-2	Methylene Chloride	12	U	5.8	12	r
67-64-1	Acetone	48	J S	5.8	29	r
156-60-5	Trans-1,2-Dichloroethene	5.8	U	0.58	5.8	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	12	U	1.2	12	r
75-34-3	1,1-Dichloroethane	5.8	U	1.2	5.8	r
107-13-1	Acrylonitrile	12	U	0.58	12	r
156-59-2	Cis-1,2-Dichloroethene	5.8	U	0.58	5.8	r
594-20-7	2,2-Dichloropropane	5.8	U	0.58	5.8	r
74-97-5	Bromochloromethane	5.8	U	0.58	5.8	r
67-66-3	Chloroform	5.8	U	0.58	5.8	r
56-23-5	Carbon Tetrachloride	5.8	U	1.2	5.8	r
109-99-9	Tetrahydrofuran (THF)	12	U	2.9	12	r
71-55-6	1,1,1-Trichloroethane	5.8	U	0.58	5.8	r
78-93-3	Methyl Ethyl Ketone	29	U	5.8	29	r
563-58-6	1,1-Dichloropropene	5.8	U J	0.58	5.8	r
71-43-2	Benzene	5.8	U J	0.58	5.8	r
107-06-2	1,2-Dichloroethane	5.8	U J	0.58	5.8	r
79-01-6	Trichloroethene	5.8	U J	0.58	5.8	r
74-95-3	Dibromomethane	5.8	U J	1.2	5.8	r
78-87-5	1,2-dichloropropane	5.8	U J	1.2	5.8	r
75-27-4	Bromodichloromethane	5.8	U J	1.2	5.8	r
10061-01-5	cis-1,3-Dichloropropene	5.8	U J	0.58	5.8	r
108-88-3	Toluene	5.8	U J	0.58	5.8	r
108-10-1	4-Methyl-2-Pentanone	29	U J	5.8	29	r
127-18-4	Tetrachloroethene	5.8	U J	1.2	5.8	r
10061-02-6	trans-1,3-Dichloropropene	5.8	U J	0.58	5.8	r
79-00-5	1,1,2-Trichloroethane	5.8	U J	1.2	5.8	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-10/MW-10 7-8'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48045

Sample wt/vol: 5.15 (g/mL) g Lab File ID: 0825_21.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 16 Date Analyzed: 08/26/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	5.8	UJ	1.2	5.8	r
142-28-9	1,3-Dichloropropane	5.8	UJ	1.2	5.8	r
106-93-4	1,2-Dibromoethane	5.8	UJ	0.58	5.8	r
591-78-6	2-Hexanone	29	UJ	5.8	29	r
108-90-7	Chlorobenzene	5.8	UJ	0.58	5.8	r
100-41-4	Ethylbenzene	5.8	UJ	0.58	5.8	r
630-20-6	1,1,1,2-Tetrachloroethane	5.8	UJ	1.2	5.8	r
179601-23-1	m&p-Xylene	5.8	UJ	1.2	5.8	r
95-47-6	o-Xylene	5.8	UJ	1.2	5.8	r
100-42-5	Styrene	5.8	UJ	0.58	5.8	r
75-25-2	Bromoform	5.8	UJ	1.2	5.8	r
98-82-8	Isopropylbenzene	5.8	U	0.58	5.8	
108-86-1	Bromobenzene	5.8	U	0.58	5.8	
103-65-1	n-Propylbenzene	5.8	U	1.2	5.8	
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	1.2	5.8	
95-49-8	2-Chlorotoluene	5.8	U	1.2	5.8	
108-67-8	1,3,5-Trimethylbenzene	5.8	U	0.58	5.8	
96-18-4	1,2,3-Trichloropropane	5.8	U	0.58	5.8	
110-57-6	trans-1,4-Dichloro-2-butene	12	U	2.9	12	
106-43-4	4-Chlorotoluene	5.8	U	0.58	5.8	
98-06-6	tert-Butylbenzene	5.8	U	0.58	5.8	
95-63-6	1,2,4-Trimethylbenzene	5.8	U	0.58	5.8	
135-98-8	sec-Butylbenzene	5.8	U	0.58	5.8	
99-87-6	p-Isopropyltoluene	5.8	U	0.58	5.8	
541-73-1	1,3-Dichlorobenzene	5.8	U	0.58	5.8	
106-46-7	1,4-Dichlorobenzene	5.8	U	0.58	5.8	
527-84-4	2-Isopropyltoluene	5.8	U	0.58	5.8	
104-51-8	n-Butylbenzene	5.8	U	0.58	5.8	
95-50-1	1,2-Dichlorobenzene	5.8	U	0.58	5.8	
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U	1.2	5.8	
87-68-3	Hexachlorobutadiene	5.8	U	0.58	5.8	
120-82-1	1,2,4-Trichlorobenzene	5.8	U	1.2	5.8	
91-20-3	Naphthalene	5.8	U	1.2	5.8	
87-61-6	1,2,3-Trichlorobenzene	5.8	U	1.2	5.8	

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-10/MW-10 15-16.5'

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48046

Sample wt/vol: 5.98 (g/mL) g Lab File ID: 0825_22.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 23 Date Analyzed: 08/26/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.5	U	0.55	5.5	r
74-87-3	Chloromethane	5.5	U	1.1	5.5	r
75-01-4	Vinyl Chloride	5.5	U	0.55	5.5	r
74-83-9	Bromomethane	5.5	U	2.2	5.5	r
75-00-3	Chloroethane	5.5	U	0.55	5.5	r
75-69-4	Trichlorofluoromethane	5.5	U	1.1	5.5	r
75-35-4	1,1-Dichloroethene	5.5	U	0.55	5.5	r
76-13-1	Trichlorotrifluoroethane	5.5	U	0.55	5.5	r
75-15-0	Carbon Disulfide	5.5	U	1.1	5.5	r
75-09-2	Methylene Chloride	11	U	5.5	11	r
67-64-1	Acetone	27	UJ	5.5	27	r
156-60-5	Trans-1,2-Dichloroethene	5.5	U	0.55	5.5	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.5	U	1.1	5.5	r
107-13-1	Acrylonitrile	11	U	0.55	11	r
156-59-2	Cis-1,2-Dichloroethene	5.5	U	0.55	5.5	r
594-20-7	2,2-Dichloropropane	5.5	U	0.55	5.5	r
74-97-5	Bromochloromethane	5.5	U	0.55	5.5	r
67-66-3	Chloroform	5.5	U	0.55	5.5	r
56-23-5	Carbon Tetrachloride	5.5	U	1.1	5.5	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.7	11	r
71-55-6	1,1,1-Trichloroethane	5.5	U	0.55	5.5	r
78-93-3	Methyl Ethyl Ketone	27	U	5.5	27	r
563-58-6	1,1-Dichloropropene	5.5	U	0.55	5.5	r
71-43-2	Benzene	5.5	U	0.55	5.5	r
107-06-2	1,2-Dichloroethane	5.5	U	0.55	5.5	r
79-01-6	Trichloroethene	5.5	U	0.55	5.5	r
74-95-3	Dibromomethane	5.5	U	1.1	5.5	r
78-87-5	1,2-dichloropropane	5.5	U	1.1	5.5	r
75-27-4	Bromodichloromethane	5.5	U	1.1	5.5	r
10061-01-5	cis-1,3-Dichloropropene	5.5	U	0.55	5.5	r
108-88-3	Toluene	5.5	U	0.55	5.5	r
108-10-1	4-Methyl-2-Pentanone	27	U	5.5	27	r
127-18-4	Tetrachloroethene	5.5	U	1.1	5.5	r
10061-02-6	trans-1,3-Dichloropropene	5.5	U	0.55	5.5	r
79-00-5	1,1,2-Trichloroethane	5.5	U	1.1	5.5	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-10/MW-10 19-20`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48047

Sample wt/vol: 5.22 (g/mL) g Lab File ID: 0825_23.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: 15 Date Analyzed: 08/26/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.6	U	0.56	5.6	r
74-87-3	Chloromethane	5.6	U	1.1	5.6	r
75-01-4	Vinyl Chloride	5.6	U	0.56	5.6	r
74-83-9	Bromomethane	5.6	U	2.3	5.6	r
75-00-3	Chloroethane	5.6	U	0.56	5.6	r
75-69-4	Trichlorofluoromethane	5.6	U	1.1	5.6	r
75-35-4	1,1-Dichloroethene	5.6	U	0.56	5.6	r
76-13-1	Trichlorotrifluoroethane	5.6	U	0.56	5.6	r
75-15-0	Carbon Disulfide	5.6	U	1.1	5.6	r
75-09-2	Methylene Chloride	11	U	5.6	11	r
67-64-1	Acetone	28	UJ	5.6	28	r
156-60-5	Trans-1,2-Dichloroethene	5.6	U	0.56	5.6	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.6	U	1.1	5.6	r
107-13-1	Acrylonitrile	11	U	0.56	11	r
156-59-2	Cis-1,2-Dichloroethene	5.6	U	0.56	5.6	r
594-20-7	2,2-Dichloropropane	5.6	U	0.56	5.6	r
74-97-5	Bromochloromethane	5.6	U	0.56	5.6	r
67-66-3	Chloroform	5.6	U	0.56	5.6	r
56-23-5	Carbon Tetrachloride	5.6	U	1.1	5.6	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.8	11	r
71-55-6	1,1,1-Trichloroethane	5.6	U	0.56	5.6	r
78-93-3	Methyl Ethyl Ketone	28	U	5.6	28	r
563-58-6	1,1-Dichloropropene	5.6	U	0.56	5.6	r
71-43-2	Benzene	5.6	U	0.56	5.6	r
107-06-2	1,2-Dichloroethane	5.6	U	0.56	5.6	r
79-01-6	Trichloroethene	5.6	U	0.56	5.6	r
74-95-3	Dibromomethane	5.6	U	1.1	5.6	r
78-87-5	1,2-dichloropropane	5.6	U	1.1	5.6	r
75-27-4	Bromodichloromethane	5.6	U	1.1	5.6	r
10061-01-5	cis-1,3-Dichloropropene	5.6	U	0.56	5.6	r
108-88-3	Toluene	5.6	U	0.56	5.6	r
108-10-1	4-Methyl-2-Pentanone	28	U	5.6	28	r
127-18-4	Tetrachloroethene	5.6	U	1.1	5.6	r
10061-02-6	trans-1,3-Dichloropropene	5.6	U	0.56	5.6	r
79-00-5	1,1,2-Trichloroethane	5.6	U	1.1	5.6	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	DUP-3
SDG No.:	<u>GCR48041</u>	Lab Sample ID:	<u>CR48048</u>	
Sample wt/vol:	<u>8.868</u> (g/mL) <u>g</u>	Lab File ID:	<u>0825_24.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>15</u>	Date Analyzed:	<u>08/26/24</u>	
Instrument:	<u>CHEM18</u>	Column:	<u>RTX-VMS</u>	Dilution Factor: <u>1</u>
Purge Volume	<u>5000</u> (uL)	pH:	<u>n.a.</u>	Soil Aliquot Vol: <u>5000</u> (uL)
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	3.3	U	0.33	3.3	r
74-87-3	Chloromethane	3.3	U	0.66	3.3	r
75-01-4	Vinyl Chloride	3.3	U	0.33	3.3	r
74-83-9	Bromomethane	3.3	U	1.3	3.3	r
75-00-3	Chloroethane	3.3	U	0.33	3.3	r
75-69-4	Trichlorofluoromethane	3.3	U	0.66	3.3	r
75-35-4	1,1-Dichloroethene	3.3	U	0.33	3.3	r
76-13-1	Trichlorotrifluoroethane	3.3	U	0.33	3.3	r
75-15-0	Carbon Disulfide	3.3	U	0.66	3.3	r
75-09-2	Methylene Chloride	6.6	U	3.3	6.6	r
67-64-1	Acetone	16	UJ	3.3	16	r
156-60-5	Trans-1,2-Dichloroethene	3.3	U	0.33	3.3	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	6.6	U	0.66	6.6	r
75-34-3	1,1-Dichloroethane	3.3	U	0.66	3.3	r
107-13-1	Acrylonitrile	6.6	U	0.33	6.6	r
156-59-2	Cis-1,2-Dichloroethene	3.3	U	0.33	3.3	r
594-20-7	2,2-Dichloropropane	3.3	U	0.33	3.3	r
74-97-5	Bromochloromethane	3.3	U	0.33	3.3	r
67-66-3	Chloroform	3.3	U	0.33	3.3	r
56-23-5	Carbon Tetrachloride	3.3	U	0.66	3.3	r
109-99-9	Tetrahydrofuran (THF)	6.6	U	1.6	6.6	r
71-55-6	1,1,1-Trichloroethane	3.3	U	0.33	3.3	r
78-93-3	Methyl Ethyl Ketone	16	U	3.3	16	r
563-58-6	1,1-Dichloropropene	3.3	U	0.33	3.3	r
71-43-2	Benzene	3.3	U	0.33	3.3	r
107-06-2	1,2-Dichloroethane	3.3	U	0.33	3.3	r
79-01-6	Trichloroethene	3.3	U	0.33	3.3	r
74-95-3	Dibromomethane	3.3	U	0.66	3.3	r
78-87-5	1,2-dichloropropane	3.3	U	0.66	3.3	r
75-27-4	Bromodichloromethane	3.3	U	0.66	3.3	r
10061-01-5	cis-1,3-Dichloropropene	3.3	U	0.33	3.3	r
108-88-3	Toluene	3.3	U	0.33	3.3	r
108-10-1	4-Methyl-2-Pentanone	16	U	3.3	16	r
127-18-4	Tetrachloroethene	3.3	U	0.66	3.3	r
10061-02-6	trans-1,3-Dichloropropene	3.3	U	0.33	3.3	r
79-00-5	1,1,2-Trichloroethane	3.3	U	0.66	3.3	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	TRIP BLANK LL
SDG No.:	<u>GCR48041</u>	Lab Sample ID:	<u>CR48049</u>	
Sample wt/vol:	<u>5</u> (g/mL) <u>g</u>	Lab File ID:	<u>0825_10.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>0</u>	Date Analyzed:	<u>08/25/24</u>	
Instrument:	<u>CHEM18</u>	Column:	<u>RTX-VMS</u>	Dilution Factor: <u>1</u>
Purge Volume	<u>5000</u> (uL)	pH:	<u>n.a.</u>	Soil Aliquot Vol: <u>5000</u> (uL)
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.0	U	0.50	5.0	r
74-87-3	Chloromethane	5.0	U	1.0	5.0	r
75-01-4	Vinyl Chloride	5.0	U	0.50	5.0	r
74-83-9	Bromomethane	5.0	U	2.0	5.0	r
75-00-3	Chloroethane	5.0	U	0.50	5.0	r
75-69-4	Trichlorofluoromethane	5.0	U	1.0	5.0	r
75-35-4	1,1-Dichloroethene	5.0	U	0.50	5.0	r
76-13-1	Trichlorotrifluoroethane	5.0	U	0.50	5.0	r
75-15-0	Carbon Disulfide	5.0	U	1.0	5.0	r
75-09-2	Methylene Chloride	10	U	5.0	10	r
67-64-1	Acetone	25	UJ	5.0	25	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.50	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	U	1.0	10	r
75-34-3	1,1-Dichloroethane	5.0	U	1.0	5.0	r
107-13-1	Acrylonitrile	10	U	0.50	10	r
156-59-2	Cis-1,2-Dichloroethene	5.0	U	0.50	5.0	r
594-20-7	2,2-Dichloropropane	5.0	U	0.50	5.0	r
74-97-5	Bromochloromethane	5.0	U	0.50	5.0	r
67-66-3	Chloroform	5.0	U	0.50	5.0	r
56-23-5	Carbon Tetrachloride	5.0	U	1.0	5.0	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.5	10	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.50	5.0	r
78-93-3	Methyl Ethyl Ketone	25	U	5.0	25	r
563-58-6	1,1-Dichloropropene	5.0	U	0.50	5.0	r
71-43-2	Benzene	5.0	U	0.50	5.0	r
107-06-2	1,2-Dichloroethane	5.0	U	0.50	5.0	r
79-01-6	Trichloroethene	5.0	U	0.50	5.0	r
74-95-3	Dibromomethane	5.0	U	1.0	5.0	r
78-87-5	1,2-dichloropropane	5.0	U	1.0	5.0	r
75-27-4	Bromodichloromethane	5.0	U	1.0	5.0	r
10061-01-5	cis-1,3-Dichloropropene	5.0	U	0.50	5.0	r
108-88-3	Toluene	5.0	U	0.50	5.0	r
108-10-1	4-Methyl-2-Pentanone	25	U	5.0	25	r
127-18-4	Tetrachloroethene	5.0	U	1.0	5.0	r
10061-02-6	trans-1,3-Dichloropropene	5.0	U	0.50	5.0	r
79-00-5	1,1,2-Trichloroethane	5.0	U	1.0	5.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	TRIP BLANK HL 50X
SDG No.:	<u>GCR48041</u>	Lab Sample ID:	<u>CR48050 50X</u>	
Sample wt/vol:	<u>10</u> (g/mL) <u>g</u>	Lab File ID:	<u>0825_11.D</u>	
Level: (low/med/meth):	<u>Meth</u>	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>0</u>	Date Analyzed:	<u>08/25/24</u>	
Instrument:	<u>CHEM18</u>	Column:	<u>RTX-VMS</u>	Dilution Factor:
Soil Extract Volume	<u>5000</u> (uL)	pH:	<u>n.a.</u>	Soil Aliquot Vol:
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	250	U	25	250	r
74-87-3	Chloromethane	250	U	50	250	r
75-01-4	Vinyl Chloride	250	U	25	250	r
74-83-9	Bromomethane	250	U	100	250	r
75-00-3	Chloroethane	250	U	25	250	r
75-69-4	Trichlorofluoromethane	250	U	50	250	r
75-35-4	1,1-Dichloroethene	250	U	25	250	r
76-13-1	Trichlorotrifluoroethane	250	U	25	250	r
75-15-0	Carbon Disulfide	250	U	50	250	r
75-09-2	Methylene Chloride	500	U	250	500	r
67-64-1	Acetone	5000	U J	250	5000	r
156-60-5	Trans-1,2-Dichloroethene	250	U	25	250	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	250	U	50	250	r
75-34-3	1,1-Dichloroethane	250	U	50	250	r
107-13-1	Acrylonitrile	500	U	25	500	r
156-59-2	Cis-1,2-Dichloroethene	250	U	25	250	r
594-20-7	2,2-Dichloropropane	250	U	25	250	r
74-97-5	Bromochloromethane	250	U	25	250	r
67-66-3	Chloroform	250	U	25	250	r
56-23-5	Carbon Tetrachloride	250	U	50	250	r
109-99-9	Tetrahydrofuran (THF)	500	U	130	500	r
71-55-6	1,1,1-Trichloroethane	250	U	25	250	r
78-93-3	Methyl Ethyl Ketone	3000	U	250	3000	r
563-58-6	1,1-Dichloropropene	250	U	25	250	r
71-43-2	Benzene	250	U	25	250	r
107-06-2	1,2-Dichloroethane	250	U	25	250	r
79-01-6	Trichloroethene	250	U	25	250	r
74-95-3	Dibromomethane	250	U	50	250	r
78-87-5	1,2-dichloropropane	250	U	50	250	r
75-27-4	Bromodichloromethane	250	U	50	250	r
10061-01-5	cis-1,3-Dichloropropene	250	U	25	250	r
108-88-3	Toluene	250	U	25	250	r
108-10-1	4-Methyl-2-Pentanone	1300	U	250	1300	r
127-18-4	Tetrachloroethene	250	U	50	250	r
10061-02-6	trans-1,3-Dichloropropene	250	U	25	250	r
79-00-5	1,1,2-Trichloroethane	250	U	50	250	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR48041**

Lab ID	Field ID	Collection Date	Matrix
CR48041	EQUIPMENT BLANK	8/23/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within continuous calibration analyte Naphthalene was above %deviation (%D) which led to qualification of analytes as non-detect estimates "UJ" value within sample.
- No analytes were detected within sample thus no further qualification needed on associated solid samples.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48041



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			
Was RSD% with in criteria for each target analyte? Was RRF within criteria?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Analyte Naphthalene was above %deviation (%D) which led to qualification of analytes as non-detect estimates "UJ" value within sample. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				EQUIPMENT BLANK
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	

Criteria	Y	N	NA	Comment
H. Field Duplicate				
Were field duplicates identified in this SGD?		X		
Were target compounds detected in it? Were RSPs less than 50%?			X	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	X			
Were retention times within ± 10 sec of cal. standard?	X			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	X			
Target analyte RRT outside specified RRT window?	X			
If sample is considered "Solid", is it greater than 30%?			X	
Did the spectrum meet EPA "Functional Guidelines"?	X			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			X	
Were National Functional Guidelines followed for TIC processing?			X	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	X			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	X			

Comments: Qualification due to failure with continuous calibration. Data is usable.

Calculation Spot Check

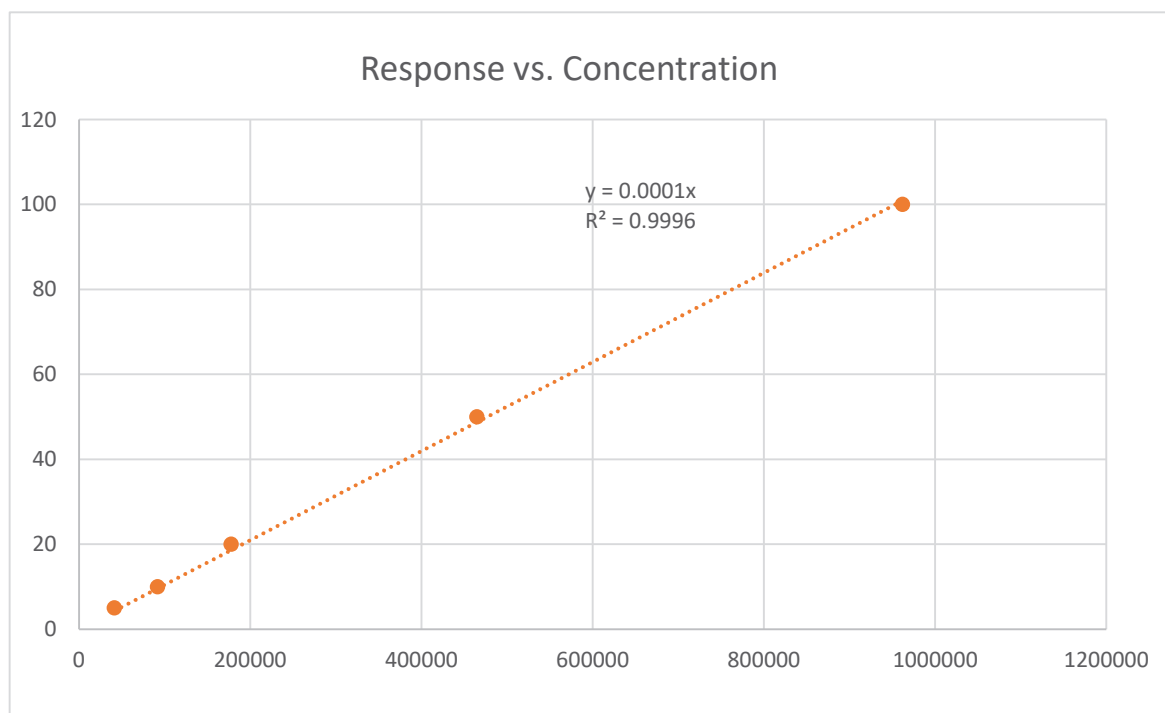
Instrument: CHEM23

ICV Date and time : 08/24/2024 17:01

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.452	6194	0.5
L2	0.422	41019	5
L3	0.495	91539	10
L4	0.445	177597	20
L5	0.486	464859	50
L6	0.493	962033	100
average	0.466		
RSD	6.5		



7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR48041

Instrument: CHEM23 Calibration Date: 08/26/24 Time: 17:58

Lab File Id: 0826_32.D Init. Calib. Date(s): 08/24/24 08/24/24

Heated Purge (Y/N): N Init. Calib. Times: 17:01 18:59

GC Column: RTX-VMS Method File: VOA23_082424.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,1,2-Trichloroethane	0.246	0.253	0.050	-2.8	20 (40)
Dibromochloromethane	0.264	0.264	0.050	0.0	20 (40)
1,3-Dichloropropane	0.470	0.500	0.050	-6.4	20 (40)
1,2-Dibromoethane	0.275	0.287	0.050	-4.4	20 (40)
2-Hexanone	0.202	0.216	0.010	-6.9	20 (40)
Chlorobenzene	0.942	0.996	0.050	-5.7	20 (40)
Ethylbenzene	0.495	0.523	0.050	-5.7	20 (40)
1,1,1,2-Tetrachloroethane	0.288	0.291	0.050	-1.0	20 (40)
m&p-Xylene	0.609	0.654	0.050	-7.4	20 (40)
o-Xylene	0.579	0.621	0.050	-7.3	20 (40)
Styrene	0.969	1.070	0.050	-10.4	20 (40)
Bromoform	0.151	0.137	0.050	9.3	20 (40)
Isopropylbenzene	0.708	0.799	0.050	-12.9	20 (40)
Bromobenzene	0.684	0.746	0.050	-9.1	20 (40)
n-Propylbenzene	0.735	0.815	0.050	-10.9	20 (40)
1,1,2,2-Tetrachloroethane	0.579	0.628	0.050	-8.5	20 (40)
2-Chlorotoluene	0.630	0.697	0.050	-10.6	20 (40)
1,3,5-Trimethylbenzene	2.057	2.309	0.050	-12.3	20 (40)
1,2,3-Trichloropropane	0.470	0.503	0.050	-7.0	20 (40)
trans-1,4-Dichloro-2-butene	0.198	0.195	0.050	1.5	20 (40)
4-Chlorotoluene	0.675	0.743	0.050	-10.1	20 (40)
tert-Butylbenzene	1.750	1.965	0.050	-12.3	20 (40)
1,2,4-Trimethylbenzene	2.066	2.308	0.050	-11.7	20 (40)
sec-Butylbenzene	2.519	2.868	0.050	-13.9	20 (40)
p-Isopropyltoluene	2.151	2.449	0.050	-13.9	20 (40)
1,3-Dichlorobenzene	1.242	1.353	0.050	-8.9	20 (40)
1,4-Dichlorobenzene	1.316	1.392	0.050	-5.8	20 (40)
2-Isopropyltoluene	2.108	2.373	0.050	-12.6	20 (40)
n-Butylbenzene	1.832	2.082	0.050	-13.6	20 (40)
1,2-Dichlorobenzene	1.211	1.286	0.050	-6.2	20 (40)
1,2-Dibromo-3-Chloropropane	0.077	0.090	0.050	-16.9	20 (40)
Hexachlorobutadiene	0.234	0.261	0.050	-11.5	20 (40)
1,2,4-Trichlorobenzene	0.625	0.706	0.050	-13.0	20 (40)
Naphthalene	1.345	1.652	0.050	-22.8 +	20 (40)
1,2,3-Trichlorobenzene	0.545	0.636	0.050	-16.7	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: % of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

EQUIPMENT BLANK

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR48041 Lab Sample ID: CR48041

Sample wt/vol: 5 (g/mL) mL Lab File ID: 0826_10.D

Level: (low/med/meth): Low Date Received: 08/23/24

% Moisture: n.a. Date Analyzed: 08/26/24

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	0.50	U	0.25	0.50	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	5.0	U	2.5	5.0	r
108-90-7	Chlorobenzene	1.0	U	0.25	1.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	1.0	U	0.25	1.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.25	0.50	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	2.5	5.0	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.40	U	0.25	0.40	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	UJ	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E

Lab Job ID: GCR48041

Lab ID	Field ID	Collection Date	Matrix
CR48042	SB-9/MW-9 8-9'	8/23/2024	Soil
CR48043	SB-9/MW-9 12-13'	8/23/2024	Soil
CR48044	SB-9/MW-9 13.5-15'	8/23/2024	Soil
CR48045	SB-10/MW-10 7-8'	8/23/2024	Soil
CR48046	SB-10/MW-10 15-16.5'	8/23/2024	Soil
CR48047	SB-10/MW-10 19-20'	8/23/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Within ICV of instrument CHEM36 compounds Hexachlorobenzene and 2-Nitrophenol were not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
- 2-Nitroaniline, Di-n-oxyphthalate and 2,4-Dinitrophenol did not meet %D criteria which led to qualification within all samples associated with CCVs led to qualification of non-detect estimate "UJ" values within all samples
- Hexachlorocyclopentadiene was not within acceptable recovery for matrix samples of CR48036 but was qualified as reject by laboratory control sample, no further qualification needed. Benzoic Acid was below QC limits for RPD/recovery but sample CR was not part of the SDG, no qualification needed.
- Hexachlorocyclopentadiene is qualified as rejected "R" values within samples due to recovery below laboratory limits within laboratory control sample CR48036LCS.

Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48041



8270E

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM36 compounds Hexachlorobenzene and 2-Nitrophenol were not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			2-Nitroaniline, Di-n-oxyolphthalate and 2,4-Dinitrophenol did not meet %D criteria which led to qualification within all samples associated with CCVs led to qualification of non-detect estimate "UJ" values within all samples. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?				
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				CR48036
Were MS and MSD analyzed for SDG?	x			Hexachlorocyclopentadiene was not within acceptable recovery but was qualified as reject by laboratory control sample, no further qualification needed. Benzoic Acid was below QC limits for RPD/recovery but sample CR was not part of the SDG, no qualification needed.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Hexachlorocyclopentadiene is qualified as rejected "R" values within samples due to recovery below laboratory limits within laboratory control sample CR48036LCS. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure within continuous calibrations and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

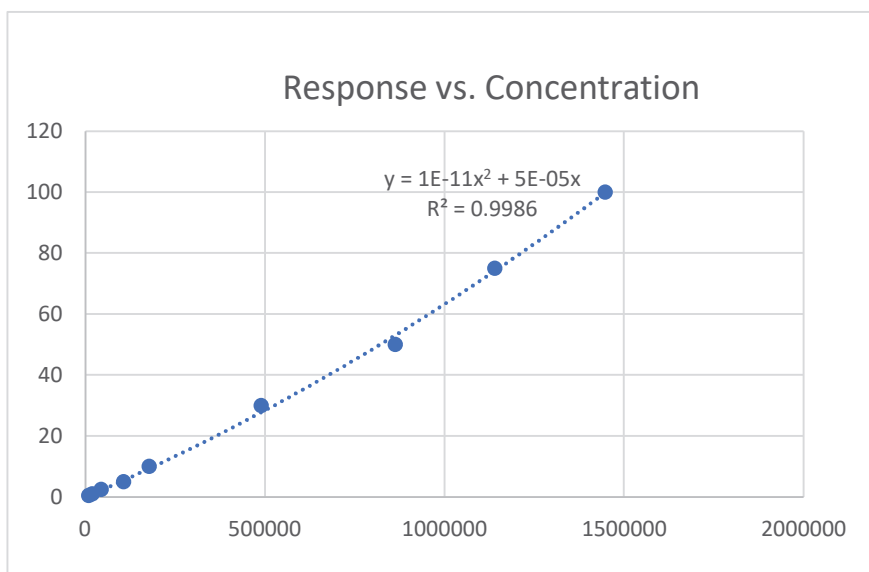
Instrument CHEM36

ICV Date and Time: 08/23/2024 13:28

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	1.744	8020	0.5
L2	1.738	17653	1
L3	1.662	42817	2.5
L4	1.738	105058	5
L5	1.748	176328	10
L6	1.687	488377	30
L7	1.697	861703	50
L8	1.620	1139463	75
L9	1.572	1446871	100
average	1.690		
RSD	3.7		



7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR48041

Instrument: CHEM36 Calibration Date: 08/29/24 Time: 00:36

Lab File Id: 0828_26.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.318	0.293	0.010	7.9	20 (40)
2,4,6-Trichlorophenol	0.345	0.359	0.200	-4.1	20 (40)
2,4,5-Trichlorophenol	0.381	0.382	0.200	-0.3	20 (40)
2-Chloronaphthalene	1.128	1.184	0.800	-5.0	20 (40)
4-Nitroaniline	0.328	0.355	0.010	-8.2	20 (40)
Dimethylphthalate	1.256	1.311	0.010	-4.4	20 (40)
2,6-Dinitrotoluene	0.270	0.304	0.200	-12.6	20 (40)
Acenaphthylene	1.794	1.976	0.900	-10.1	20 (40)
3-Nitroaniline	0.296	0.292	0.010	1.4	20 (40)
Acenaphthene	1.179	1.217	0.900	-3.2	20 (40)
2,4-Dinitrophenol qi	30	35.34		-17.8	20
Dibenzofuran	1.566	1.667	0.800	-6.4	20 (40)
2,4-Dinitrotoluene qi	30	32.12		-7.1	20
4-Nitrophenol	0.239	0.244	0.010	-2.1	20 (40)
Diethyl phthalate	1.223	1.285	0.010	-5.1	20 (40)
Fluorene	1.313	1.372	0.900	-4.5	20 (40)
4-Chlorophenyl phenyl ether	0.616	0.626	0.400	-1.6	20 (40)
2-Nitroaniline qi	30	21.10		29.7 #	20
4,6-Dinitro-2-methylphenol qi	30	35.48		-18.3	20
N-Nitrosodiphenylamine	0.991	1.015	0.010	-2.4	20 (40)
Azobenzene	1.388	1.404	0.010	-1.2	20 (40)
4-Bromophenyl phenyl ether	0.208	0.207	0.100	0.5	20 (40)
Hexachlorobenzene	0.093	0.088	* 0.100	5.4	20 (40)
Pentachlorophenol qi	30	29.62		1.3	20
Pentachloronitrobenzene	0.063	0.064	0.010	-1.6	20 (40)
Phenanthrene	1.087	1.119	0.700	-2.9	20 (40)
Anthracene	1.088	1.161	0.700	-6.7	20 (40)
Carbazole	1.056	1.076	0.010	-1.9	20 (40)
Di-n-butylphthalate qi	30	31.53		-5.1	20
Fluoranthene	1.148	1.207	0.600	-5.1	20 (40)
Pyrene	1.224	1.271	0.600	-3.8	20 (40)
Benzyl butyl phthalate	0.598	0.630	0.010	-5.4	20 (40)
Bis(2-ethylhexyl)phthalate	0.852	0.912	0.010	-7.0	20 (40)
Benz(a)anthracene	1.273	1.232	0.800	3.2	20 (40)
Chrysene	1.257	1.227	0.700	2.4	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs	Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.: GCR48041
Instrument:	CHEM36	Calibration Date:	08/29/24	Time: 00:36
Lab File Id:	0828_26.D	Init. Calib. Date(s):	08/23/24	08/23/24
Heated Purge (Y/N):	n.a.	Init. Calib. Times:	13:28	20:01
GC Column:	RXI-SVOCMS 16623	Method File:	36 SVFULL 0823.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR48041

Instrument: CHEM36 Calibration Date: 08/29/24 Time: 10:54

Lab File Id: 0828_51.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.270	0.311	0.010	-15.2	50
Acenaphthylene	1.794	1.989	0.010	-10.9	50
3-Nitroaniline	0.296	0.332	0.010	-12.2	50
Acenaphthene	1.179	1.190	0.010	-0.9	50
2,4-Dinitrophenol qi	30	22.43		25.2 #	20
Dibenzofuran	1.566	1.674	0.010	-6.9	50
2,4-Dinitrotoluene qi	30	32.72		-9.1	20
4-Nitrophenol	0.239	0.249	0.010	-4.2	50
Diethyl phthalate	1.223	1.298	0.010	-6.1	50
Fluorene	1.313	1.379	0.010	-5.0	50
4-Chlorophenyl phenyl ether	0.616	0.635	0.010	-3.1	50
2-Nitroaniline qi	30	30.52		-1.7	20
4,6-Dinitro-2-methylphenol qi	30	26.42		11.9	20
N-Nitrosodiphenylamine	0.991	1.054	0.010	-6.4	50
Azobenzene	1.388	1.422	0.010	-2.4	50
4-Bromophenyl phenyl ether	0.208	0.209	0.010	-0.5	50
Hexachlorobenzene	0.093	0.091	0.010	2.2	50
Pentachlorophenol qi	30	31.40		-4.7	20
Pentachloronitrobenzene	0.063	0.064	0.010	-1.6	50
Phenanthrene	1.087	1.126	0.010	-3.6	50
Anthracene	1.088	1.167	0.010	-7.3	50
Carbazole	1.056	1.091	0.010	-3.3	50
Di-n-butylphthalate qi	30	31.70		-5.7	20
Fluoranthene	1.148	1.204	0.010	-4.9	50
Pyrene	1.224	1.263	0.010	-3.2	50
Benzyl butyl phthalate	0.598	0.660	0.010	-10.4	50
Bis(2-ethylhexyl)phthalate	0.852	0.940	0.010	-10.3	50
Benz(a)anthracene	1.273	1.261	0.010	0.9	50
Chrysene	1.257	1.228	0.010	2.3	50
Di-n-octylphthalate	1.263	1.623	0.010	-28.5	50
3,3'-dichlorobenzidine	0.406	0.343	0.010	15.5	50
Benzo(b)fluoranthene	1.237	1.243	0.010	-0.5	50
Benzo(k)fluoranthene	1.260	1.248	0.010	1.0	50
Benzo(a)pyrene	1.054	1.112	0.010	-5.5	50
Indeno(1,2,3-cd)pyrene	1.037	1.025	0.010	1.2	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

3D
SOIL SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR48041

LCS Spike - Client Id: CR48036 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.		
Bis(2-chloroethoxy)methane	3333	0.0	2152	65	30	130	
Benzoic Acid	3333	0.0	2671	80	30	130	
2,4-Dichlorophenol	3333	0.0	2285	69	30	130	
1,2,4-Trichlorobenzene	3333	0.0	1749	52	30	130	
Naphthalene	3333	0.0	1919	58	30	130	
4-Chloroaniline	3333	0.0	2274	68	30	130	
Hexachlorobutadiene	3333	0.0	1677	50	30	130	
4-Chloro-3-methylphenol	3333	0.0	2516	75	30	130	
2-Methylnaphthalene	3333	0.0	1992	60	30	130	
Hexachlorocyclopentadiene	3333	0.0	258.1	8 *	30	130	
1,2,4,5-Tetrachlorobenzene	3333	0.0	1728	52	30	130	
2,4,6-Trichlorophenol	3333	0.0	2357	71	30	130	
2,4,5-Trichlorophenol	3333	0.0	2235	67	30	130	
2-Chloronaphthalene	3333	0.0	2081	62	30	130	
4-Nitroaniline	3333	0.0	2534	76	30	130	
Dimethylphthalate	3333	0.0	2371	71	30	130	
2,6-Dinitrotoluene	3333	0.0	2580	77	30	130	
Acenaphthylene	3333	0.0	1923	58	30	130	
3-Nitroaniline	3333	0.0	2957	89	30	130	
COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Bis(2-chloroethoxy)methane	3333	1935	58	11.4		30	30 130
Benzoic Acid	3333	1875	56	35.3 *		30	30 130
2,4-Dichlorophenol	3333	1993	60	14.0		30	30 130
1,2,4-Trichlorobenzene	3333	1800	54	3.8		30	30 130
Naphthalene	3333	1859	56	3.5		30	30 130
4-Chloroaniline	3333	1920	58	15.9		30	30 130
Hexachlorobutadiene	3333	1820	55	9.5		30	30 130
4-Chloro-3-methylphenol	3333	2120	64	15.8		30	30 130
2-Methylnaphthalene	3333	1897	57	5.1		30	30 130
Hexachlorocyclopentadiene	3333	1536	46	142.6 *		30	30 130
1,2,4,5-Tetrachlorobenzene	3333	1702	51	1.9		30	30 130
2,4,6-Trichlorophenol	3333	2134	64	10.4		30	30 130
2,4,5-Trichlorophenol	3333	2033	61	9.4		30	30 130
2-Chloronaphthalene	3333	2008	60	3.3		30	30 130
4-Nitroaniline	3333	2181	65	15.6		30	30 130
Dimethylphthalate	3333	2057	62	13.5		30	30 130
2,6-Dinitrotoluene	3333	2319	70	9.5		30	30 130
Acenaphthylene	3333	1830	55	5.3		30	30 130
3-Nitroaniline	3333	2483	74	18.4		30	30 130

FORM III SV

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-9/MW-9 8-9`
SDG No.:	GCR48041	Lab Sample ID:	CR48042	
Sample wt/vol:	15.14 (g/mL)	g	Lab File ID:	0828_36.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	16		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	97	390	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	390	U	110	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	98	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	790	U	160	790	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	110	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	94	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	630	U	130	630	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	120	280	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-9/MW-9 8-9`
SDG No.:	GCR48041	Lab Sample ID:	CR48042	
Sample wt/vol:	15.14	(g/mL)	g	Lab File ID:
Concentrated Extract Volume:	1000	(uL)		Date Received:
% Moisture:	16			Date Extracted:
Instrument:	CHEM36	Inj. Vol.		(uL)
GPC Cleanup:(Y/N)	N	pH:		Date Analyzed:
				08/29/24
Matrix: (soil/water)	Soil	Dilution Factor:	1	
		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	390	UJ	200	390	r
132-64-9	Dibenzofuran	280	U	110	280	r
121-14-2	2,4-Dinitrotoluene	280	U	150	280	r
100-02-7	4-Nitrophenol	280	U	79	280	r
84-66-2	Diethyl phthalate	280	U	120	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	390	UJ	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	U	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	120	390	r
118-74-1	Hexachlorobenzene	280	U	110	280	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	UJ	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	130	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-9/MW-9 12-13`
SDG No.:	GCR48041	Lab Sample ID:	CR48043	
Sample wt/vol:	15.32 (g/mL)	g	Lab File ID:	0828_37.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	17		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	97	390	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	390	U	110	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	98	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	790	U	160	790	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	110	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	94	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	630	U	130	630	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	120	280	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-9/MW-9 12-13`
SDG No.:	GCR48041	Lab Sample ID:	CR48043	
Sample wt/vol:	15.32 (g/mL)	g	Lab File ID:	0828_37.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	17		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	390	U J	200	390	r
132-64-9	Dibenzofuran	280	U	110	280	r
121-14-2	2,4-Dinitrotoluene	280	U	150	280	r
100-02-7	4-Nitrophenol	280	U	79	280	r
84-66-2	Diethyl phthalate	280	U	120	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	390	U J	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	U	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	120	390	r
118-74-1	Hexachlorobenzene	280	U	110	280	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	U J	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	130	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-9/MW-9 13.5-15'
SDG No.:	GCR48041	Lab Sample ID:	CR48044	
Sample wt/vol:	15.50 (g/mL)	g	Lab File ID:	0828_38.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	17		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	96	390	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	390	U	100	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	120	270	r
106-46-7	1,4-Dichlorobenzene	270	U	120	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	160	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	160	270	r
105-67-9	2,4-Dimethylphenol	270	U	96	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	780	U	160	780	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	160	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	UJ	R 120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	93	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	620	U	130	620	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-9/MW-9 13.5-15'
SDG No.:	<u>GCR48041</u>	Lab Sample ID:	<u>CR48044</u>	
Sample wt/vol:	<u>15.50</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_38.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>17</u>	Date Extracted:	<u>08/28/24</u>	
Instrument:	<u>CHEM36</u>	Inj. Vol. <u> </u> (uL)	Date Analyzed:	<u>08/29/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u> </u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u> </u> ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	UJ	190	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	U	78	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	UJ	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	U	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	110	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	160	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	UJ	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	U	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-10/MW-10 7-8
SDG No.:	GCR48041	Lab Sample ID:	CR48045	
Sample wt/vol:	15.50 (g/mL)	g	Lab File ID:	0828_39.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	16		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	380	U	110	380	r
110-86-1	Pyridine	380	U	94	380	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	380	U	100	380	r
62-53-3	Aniline	380	U	150	380	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	150	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	120	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	380	U	150	380	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	130	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	150	270	r
105-67-9	2,4-Dimethylphenol	270	U	95	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	770	U	150	770	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	150	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	110	270	r
77-47-4	Hexachlorocyclopentadiene	270	U	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	92	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	610	U	130	610	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-10/MW-10 7-8`
SDG No.:	GCR48041	Lab Sample ID:	CR48045	
Sample wt/vol:	15.50 (g/mL)	g	Lab File ID:	0828_39.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	16		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	380	U	150	380	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	380	U J	190	380	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	U	77	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	380	U J	150	380	r
534-52-1	4,6-Dinitro-2-methylphenol	380	U	150	380	r
86-30-6	N-Nitrosodiphenylamine	380	U	150	380	r
122-66-7	Azobenzene	380	U	150	380	r
101-55-3	4-Bromophenyl phenyl ether	380	U	110	380	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	380	U	150	380	r
82-68-8	Pentachloronitrobenzene	380	U	120	380	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	380	U	150	380	r
84-74-2	Di-n-butylphthalate	380	U	150	380	r
206-44-0	Fluoranthene	270	U	120	270	r
92-87-5	Benzidine	270	U	150	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	99	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	380	U	110	380	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U J	99	270	r
91-94-1	3,3'-dichlorobenzidine	270	U	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-10/MW-10 15-16.5'
SDG No.:	<u>GCR48041</u>	Lab Sample ID:	<u>CR48046</u>	
Sample wt/vol:	<u>15.24</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_40.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>23</u>	Date Extracted:	<u>08/28/24</u>	
Instrument:	<u>CHEM36</u>	Inj. Vol. <u> </u> (uL)	Date Analyzed:	<u>08/29/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u> </u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u> </u> ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	430	U	120	430	r
110-86-1	Pyridine	430	U	100	430	r
108-95-2	Phenol	300	U	140	300	r
111-44-4	Bis(2-chloroethyl)ether	430	U	120	430	r
62-53-3	Aniline	430	U	170	430	r
95-57-8	2-Chlorophenol	300	U	120	300	r
541-73-1	1,3-Dichlorobenzene	300	U	130	300	r
106-46-7	1,4-Dichlorobenzene	300	U	130	300	r
95-50-1	1,2-Dichlorobenzene	300	U	120	300	r
95-48-7	2-Methylphenol (o-cresol)	300	U	170	300	r
108-60-1	Bis(2-chloroisopropyl)ether	300	U	120	300	r
621-64-7	N-Nitrosodi-n-propylamine	300	U	140	300	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	430	U	170	430	r
98-86-2	Acetophenone	300	U	130	300	r
67-72-1	Hexachloroethane	300	U	130	300	r
98-95-3	Nitrobenzene	300	U	150	300	r
78-59-1	Isophorone	300	U	120	300	r
88-75-5	2-Nitrophenol	300	U	170	300	r
105-67-9	2,4-Dimethylphenol	300	U	110	300	r
111-91-1	Bis(2-chloroethoxy)methane	300	U	120	300	r
65-85-0	Benzoic Acid	850	U	170	850	r
120-83-2	2,4-Dichlorophenol	300	U	150	300	r
120-82-1	1,2,4-Trichlorobenzene	300	U	130	300	r
91-20-3	Naphthalene	300	U	120	300	r
106-47-8	4-Chloroaniline	300	U	170	300	r
87-68-3	Hexachlorobutadiene	300	U	150	300	r
59-50-7	4-Chloro-3-methylphenol	300	U	150	300	r
91-57-6	2-Methylnaphthalene	300	U	130	300	r
77-47-4	Hexachlorocyclopentadiene	300	U R	130	300	r
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	100	300	r
88-06-2	2,4,6-Trichlorophenol	300	U	140	300	r
95-95-4	2,4,5-Trichlorophenol	300	U	110	300	r
91-58-7	2-Chloronaphthalene	300	U	120	300	r
100-01-6	4-Nitroaniline	680	U	140	680	r
131-11-3	Dimethylphthalate	300	U	130	300	r
606-20-2	2,6-Dinitrotoluene	300	U	130	300	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-10/MW-10 15-16.5'
SDG No.:	GCR48041	Lab Sample ID:	CR48046	
Sample wt/vol:	15.24 (g/mL)	g	Lab File ID:	0828_40.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/23/24
% Moisture:	23		Date Extracted:	08/28/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	300	U	120	300	r
99-09-2	3-Nitroaniline	430	U	170	430	r
83-32-9	Acenaphthene	300	U	130	300	r
51-28-5	2,4-Dinitrophenol	430	UJ	210	430	r
132-64-9	Dibenzofuran	300	U	120	300	r
121-14-2	2,4-Dinitrotoluene	300	U	170	300	r
100-02-7	4-Nitrophenol	300	U	85	300	r
84-66-2	Diethyl phthalate	300	U	130	300	r
86-73-7	Fluorene	300	U	140	300	r
7005-72-3	4-Chlorophenyl phenyl ether	300	U	140	300	r
88-74-4	2-Nitroaniline	430	UJ	170	430	r
534-52-1	4,6-Dinitro-2-methylphenol	430	U	170	430	r
86-30-6	N-Nitrosodiphenylamine	430	U	160	430	r
122-66-7	Azobenzene	430	U	170	430	r
101-55-3	4-Bromophenyl phenyl ether	430	U	130	430	r
118-74-1	Hexachlorobenzene	300	U	120	300	r
87-86-5	Pentachlorophenol	430	U	160	430	r
82-68-8	Pentachloronitrobenzene	430	U	130	430	r
85-01-8	Phenanthrene	300	U	120	300	r
120-12-7	Anthracene	300	U	140	300	r
86-74-8	Carbazole	430	U	170	430	r
84-74-2	Di-n-butylphthalate	430	U	170	430	r
206-44-0	Fluoranthene	300	U	140	300	r
92-87-5	Benzidine	300	U	170	300	r
129-00-0	Pyrene	300	U	150	300	r
85-68-7	Benzyl butyl phthalate	300	U	110	300	r
117-81-7	Bis(2-ethylhexyl)phthalate	430	U	120	430	r
56-55-3	Benz(a)anthracene	300	U	140	300	r
218-01-9	Chrysene	300	U	140	300	r
117-84-0	Di-n-octylphthalate	300	UJ	110	300	r
91-94-1	3,3'-dichlorobenzidine	300	U	200	300	r
205-99-2	Benzo(b)fluoranthene	300	U	150	300	r
207-08-9	Benzo(k)fluoranthene	300	U	140	300	r
50-32-8	Benzo(a)pyrene	300	U	140	300	r
193-39-5	Indeno(1,2,3-cd)pyrene	300	U	140	300	r
53-70-3	Dibenz(a,h)anthracene	300	U	140	300	r

FORM I SV

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1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-10/MW-10 19-20`
SDG No.:	<u>GCR48041</u>	Lab Sample ID:	<u>CR48047</u>	
Sample wt/vol:	<u>15.48</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_41.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>15</u>	Date Extracted:	<u>08/28/24</u>	
Instrument:	<u>CHEM36</u>	Inj. Vol. <u> </u> (uL)	Date Analyzed:	<u>08/29/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u> </u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u> </u> ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	380	U	110	380	r
110-86-1	Pyridine	380	U	93	380	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	380	U	100	380	r
62-53-3	Aniline	380	U	150	380	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	150	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	120	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	380	U	150	380	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	110	270	r
98-95-3	Nitrobenzene	270	U	130	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	150	270	r
105-67-9	2,4-Dimethylphenol	270	U	94	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	100	270	r
65-85-0	Benzoic Acid	760	U	150	760	r
120-83-2	2,4-Dichlorophenol	270	U	130	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	110	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	150	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	130	270	r
91-57-6	2-Methylnaphthalene	270	U	110	270	r
77-47-4	Hexachlorocyclopentadiene	270	U	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	91	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	99	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	610	U	130	610	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample, analyte is qualified as rejected "R" value for within samples. Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-10/MW-10 19-20`
SDG No.:	<u>GCR48041</u>	Lab Sample ID:	<u>CR48047</u>	
Sample wt/vol:	<u>15.48</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_41.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/23/24</u>	
% Moisture:	<u>15</u>	Date Extracted:	<u>08/28/24</u>	
Instrument:	<u>CHEM36</u>	Inj. Vol. <u> </u> (uL)	Date Analyzed:	<u>08/29/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u> </u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u> </u> ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	380	U	150	380	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	380	U J	190	380	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	U	76	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	380	U J	150	380	r
534-52-1	4,6-Dinitro-2-methylphenol	380	U	150	380	r
86-30-6	N-Nitrosodiphenylamine	380	U	150	380	r
122-66-7	Azobenzene	380	U	150	380	r
101-55-3	4-Bromophenyl phenyl ether	380	U	110	380	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	380	U	140	380	r
82-68-8	Pentachloronitrobenzene	380	U	110	380	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	120	270	r
86-74-8	Carbazole	380	U	150	380	r
84-74-2	Di-n-butylphthalate	380	U	150	380	r
206-44-0	Fluoranthene	270	U	120	270	r
92-87-5	Benzidine	270	U	150	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	98	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	380	U	110	380	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U J	98	270	r
91-94-1	3,3'-dichlorobenzidine	270	U	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	120	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR48041

Lab ID	Field ID	Collection Date	Matrix
CR48042	SB-9/MW-9 8-9'	8/23/2024	Soil
CR48043	SB-9/MW-9 12-13'	8/23/2024	Soil
CR48044	SB-9/MW-9 13.5-15'	8/23/2024	Soil
CR48045	SB-10/MW-10 7-8'	8/23/2024	Soil
CR48046	SB-10/MW-10 15-16.5'	8/23/2024	Soil
CR48047	SB-10/MW-10 19-20'	8/23/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were conducted on instrument ECD35 and EDC04 while samples were analyzed on ECD33 and ECD35 at different times. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. Detected analytes will be qualified as estimate "J" values.

- Within Continues Calibrations, Several analytes were above laboratory limits of the CCVs of instrument ECD33 and ECD35 associated with the SDG GC48041 in which all the samples were analyzed. All sample will have these analytes qualified as a non-detect estimate "UJ" values.

- Confirmation did not meet %D for CR48036 LCS/LSCD and CR52284MS/MSD of 40%, no further qualification needed..

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48041



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?			x	Several analytes were above laboratory limits of the CCVs of instrument ECD33 and ECD35 associated with the SDG GC48041 in which all the samples were analyzed. All sample will have these analytes qualified as a non-detect estimate "UJ" values. Please see attachment.
Were (%D), relative respond factors (RRF) and RT within criteria?		x		
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			
PEM % breakdown did not exceed criteria?	x			

Criteria	Y	N	NA	Comment
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			While blanks were present, they were analyzed on a different times and instrument than samples evaluated on ECD33 and ECD35 thus all detection will be qualified as estimate "J" values with in all samples.
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminants found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards?	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SDG or matrix?	x			While matrix samples were present, they were analyzed on a different times and instrument than samples evaluated on ECD33 and ECD35 thus no qualification will be made based on this data.
Was MS/MSD done at specific frequency required by criteria?	x			
Were MS/MSD (%R) and RPD within QC?	x			
H. Laboratory control sample				
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			While laboratory control samples were present, they were analyzed on a different times and instrument than samples evaluated on ECD33 and ECD35 thus no qualification will be made based on this data.
Was LCS (%R) within QC Limits?	x			

Criteria	Y	N	NA	Comment
I. Field Duplicates				
Were field duplicates collected?		x		
Were %RPD < 50% for observed analytes?			x	
J. Florisil Cartridge Performance Check				
Were %R within specification.	x			
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are within calculated window?	x			
%D of target analytes and Toxaphene are calculated to less than 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			Confirmation did not meet %D for CR48036 LCS/LSCD and CR52284MS/MSD of 40%, no further qualification needed.
M. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
N. EPA Regional QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		

Criteria	Y	N	NA	Comment
O. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration qualification is needed. Qualification also due to lack of QA/QC data from sample associated instrument. All results are within Cat. B criterion and usable.



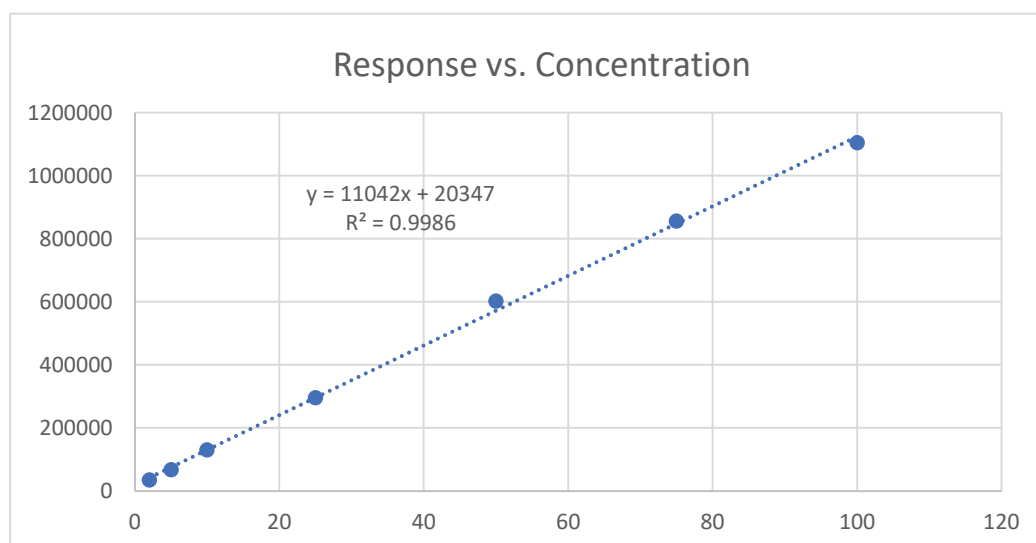
Calculation Spot Check

Instrument: ECD33

ICV Date and Time: 8/13/24

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	2.656	34480	2
L2	2.556	67205	5
L3	2.395	130271	10
L4	2.339	295809	25
L5	2.322	602003	50
L6	2.224	855874	75
L7	3.433	1105033	100
average	2.561		
RSD	16.08		





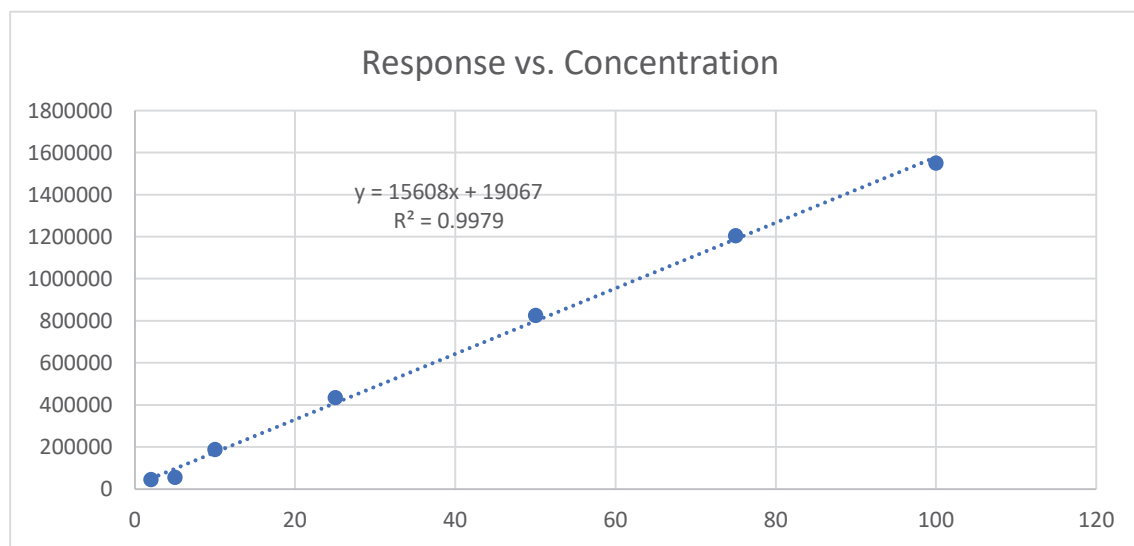
Calculation Spot Check

Instrument: ECD35

ICV Date and Time: 07/29/24

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	2.349	44121	2
L2	2.349	55007	5
L3	2.272	187189	10
L4	2.207	433751	25
L5	2.149	825258	50
L6	2.054	1205412	75
L7	2.790	1550061	100
average	2.310		
RSD	10.26		



Reviewer Comment: Qualification of analyte Endosulfan I as estimate "UJ" value within associated samples (CR48042, CR48045, and CR48046) is due to %D results above laboratory limit.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48041

GC Col A: Rtx-CLP ID: 0.53 (mm) Init. Calib. Date(s): 08/13/24 08/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 08/30/24

LAB Sample ID (PEM): mix 4;32v - 830A032 Time Analyzed: 19:18

Instrument: ECD33 File: 830A032

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.71	3.94	4.04	54	50	8		2.561
beta-BHC	4.06	4.29	4.39	56	50	12		0.980
delta-BHC	4.22	4.45	4.55	53	50	6		2.351
gamma-BHC (Lindane)	3.99	4.22	4.32	54	50	8		2.301
Heptachlor	4.40	4.64	4.74	55	50	10		2.182
Aldrin	4.66	4.90	5.00	55	50	10		2.152
Heptachlor Epoxide	5.16	5.42	5.56	54	50	8		1.892
Endosulfan I	5.51	5.81	5.95	62	50	24	*	1.769
Dieldrin	5.74	6.05	6.19	55	50	10		1.914
4,4' -DDE	5.46	5.73	5.87	50	50	0		1.627
Endrin	5.97	6.30	6.44	58	50	16		1.692
Endosulfan II	6.19	6.55	6.69	53	50	6		1.642
4,4' -DDD	6.03	6.35	6.49	51	50	2		1.398
Endosulfan Sulfate	7.14	7.54	7.68	56	50	12		1.470
4,4' -DDT	6.32	6.67	6.81	52	50	4		1.515
Methoxychlor	6.88	7.24	7.38	52	50	4		0.778
Endrin ketone	7.47	7.84	7.98	52	50	4		1.720
Endrin Aldehyde	6.64	7.03	7.17	54	50	8		1.392
alpha-Chlordane	5.39	5.67	5.81	52	50	4		1.934
gamma-Chlordane	5.27	5.54	5.68	54	50	8		1.875
Decachlorobiphenyl	8.53	8.81	9.01	62	80	23	*	1.544
Tetrachloro-m-xylene	3.23	3.43	3.53	81	80	1		1.266

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48041

GC Col A: Rtx-CLP ID: 0.53 (mm) Init. Calib. Date(s): 08/13/24 08/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 08/30/24

LAB Sample ID (PEM): mix 4;32v - 830A046 Time Analyzed: 23:27

Instrument: ECD33 File: 830A046

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.72	3.94	4.04	54	50	8		2.561
beta-BHC	4.07	4.29	4.39	57	50	14		0.980
delta-BHC	4.22	4.45	4.55	53	50	6		2.351
gamma-BHC (Lindane)	4.00	4.22	4.32	55	50	10		2.301
Heptachlor	4.41	4.64	4.74	56	50	12		2.182
Aldrin	4.66	4.90	5.00	56	50	12		2.152
Heptachlor Epoxide	5.16	5.42	5.56	56	50	12		1.892
Endosulfan I	5.52	5.81	5.95	61	50	22	*	1.769
Dieldrin	5.74	6.05	6.19	57	50	14		1.914
4,4' -DDE	5.46	5.73	5.87	55	50	10		1.627
Endrin	5.97	6.30	6.44	60	50	20		1.692
Endosulfan II	6.20	6.55	6.69	56	50	12		1.642
4,4' -DDD	6.03	6.35	6.49	54	50	8		1.398
Endosulfan Sulfate	7.14	7.54	7.68	57	50	14		1.470
4,4' -DDT	6.32	6.67	6.81	54	50	8		1.515
Methoxychlor	6.87	7.24	7.38	54	50	8		0.778
Endrin ketone	7.47	7.84	7.98	56	50	12		1.720
Endrin Aldehyde	6.64	7.03	7.17	57	50	14		1.392
alpha-Chlordane	5.39	5.67	5.81	54	50	8		1.934
gamma-Chlordane	5.28	5.54	5.68	57	50	14		1.875
Decachlorobiphenyl	8.53	8.81	9.01	70	80	13		1.544
Tetrachloro-m-xylene	3.23	3.43	3.53	83	80	4		1.266

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification of analyte Endosulfan I as estimate "UJ" value within associated samples (CR48043 and CR48044) is due to %D results above laboratory limit.

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Confirmation

Lab Name:

Phoenix Environmental

Client:

LABELLA

Lab Code:

Phoenix

Case No.:

SAS No.:

SDG No.:

GCR48041

GC Col B:

Rtx-440

ID:

0.32

(mm)

Init. Calib. Date(s):

08/13/24

08/13/24

EPA Sample No.(PIBLK):

Date Analyzed:

LAB Sample ID (PIBLK):

Time Analyzed:

EPA Sample No.(PEM):

mix 4;32v

Date Analyzed:

08/30/24

LAB Sample ID (PEM):

mix 4;32v - 830B046

Time Analyzed:

23:27

Instrument:

ECD33

File:

830B046

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.17	4.22	4.32	50	50	0		2.514
beta-BHC	4.67	4.72	4.82	47	50	6		1.121
delta-BHC	4.89	4.94	5.04	48	50	4		2.559
gamma-BHC (Lindane)	4.48	4.54	4.64	56	50	12		2.240
Heptachlor	5.04	5.11	5.21	51	50	2		2.423
Aldrin	5.37	5.45	5.55	55	50	10		2.341
Heptachlor Epoxide	5.82	5.88	6.02	56	50	12		2.134
Endosulfan I	6.24	6.33	6.47	57	50	14		1.936
Dieldrin	6.58	6.67	6.81	59	50	18		1.990
4,4' -DDE	6.45	6.53	6.67	49	50	2		2.059
Endrin	6.86	6.96	7.10	58	50	16		1.872
Endosulfan II	7.16	7.25	7.39	61	50	22	*	1.736
4,4' -DDD	7.11	7.21	7.35	44	50	12		1.424
Endosulfan Sulfate	7.64	7.72	7.86	52	50	4		1.764
4,4' -DDT	7.53	7.62	7.76	51	50	2		1.621
Methoxychlor	8.15	8.22	8.36	51	50	2		0.851
Endrin ketone	8.19	8.26	8.40	54	50	8		1.832
Endrin Aldehyde	7.33	7.42	7.56	55	50	10		1.426
alpha-Chlordane	6.20	6.29	6.43	56	50	12		2.049
gamma-Chlordane	6.11	6.19	6.33	53	50	6		2.236
Decachlorobiphenyl	9.66	9.71	9.91	89	80	11		1.706
Tetrachloro-m-xylene	3.74	3.80	3.90	82	80	3		1.392

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded.

CF=Calibration/Response Factor

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48041

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 07/29/24 07/29/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 09/03/24

LAB Sample ID (PEM): mix 4;32v - 903B031 Time Analyzed: 19:42

Instrument: ECD35 File: 903B031

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.38	4.47	4.57	56	50	12		2.248
beta-BHC	4.95	5.01	5.11	50	50	0		1.096
delta-BHC	5.19	5.27	5.37	48	50	4		2.385
gamma-BHC (Lindane)	4.72	4.81	4.91	52	50	4		2.336
Heptachlor	5.35	5.47	5.57	43	50	14		2.281
Aldrin	5.72	5.85	5.95	57	50	14		2.082
Heptachlor Epoxide	6.23	6.35	6.49	50	50	0		2.231
Endosulfan I	6.71	6.84	6.98	61	50	22	*	1.786
Dieldrin	7.08	7.22	7.36	61	50	22	*	1.798
4,4' -DDE	6.94	7.06	7.20	54	50	8		1.714
Endrin	7.38	7.51	7.65	54	50	8		1.531
Endosulfan II	7.68	7.79	7.93	59	50	18		1.622
4,4' -DDD	7.63	7.73	7.87	52	50	4		1.300
Endosulfan Sulfate	8.16	8.26	8.40	53	50	6		1.508
4,4' -DDT	8.04	8.14	8.28	39	50	22	*	1.506
Methoxychlor	8.66	8.75	8.89	35	50	30	*	0.861
Endrin ketone	8.72	8.82	8.96	53	50	6		1.650
Endrin Aldehyde	7.85	7.96	8.10	55	50	10		1.441
alpha-Chlordane	6.66	6.79	6.93	56	50	12		1.903
gamma-Chlordane	6.56	6.68	6.82	55	50	10		2.006
Decachlorobiphenyl	10.27	10.36	10.56	81	80	1		1.653
Tetrachloro-m-xylene	3.91	4.00	4.10	85	80	6		1.672

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR48041

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 07/29/24 07/29/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 09/03/24

LAB Sample ID (PEM): mix 4;32v - 903B044 Time Analyzed: 23:36

Instrument: ECD35 File: 903B044

COMPOUND	RT	RT WINDOW FROM TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.38	4.47 4.57	57	50	14		2.248
beta-BHC	4.95	5.01 5.11	51	50	2		1.096
delta-BHC	5.20	5.27 5.37	49	50	2		2.385
gamma-BHC (Lindane)	4.73	4.81 4.91	53	50	6		2.336
Heptachlor	5.35	5.47 5.57	33	50	34	*	2.281
Aldrin	5.73	5.85 5.95	58	50	16		2.082
Heptachlor Epoxide	6.24	6.35 6.49	51	50	2		2.231
Endosulfan I	6.72	6.84 6.98	60	50	20		1.786
Dieldrin	7.09	7.22 7.36	59	50	18		1.798
4,4' -DDE	6.94	7.06 7.20	53	50	6		1.714
Endrin	7.39	7.51 7.65	54	50	8		1.531
Endosulfan II	7.69	7.79 7.93	62	50	24	*	1.622
4,4' -DDD	7.64	7.73 7.87	53	50	6		1.300
Endosulfan Sulfate	8.16	8.26 8.40	58	50	16		1.508
4,4' -DDT	8.04	8.14 8.28	35	50	30	*	1.506
Methoxychlor	8.66	8.75 8.89	31	50	38	*	0.861
Endrin ketone	8.73	8.82 8.96	55	50	10		1.650
Endrin Aldehyde	7.86	7.96 8.10	59	50	18		1.441
alpha-Chlordane	6.67	6.79 6.93	56	50	12		1.903
gamma-Chlordane	6.57	6.68 6.82	55	50	10		2.006
Decachlorobiphenyl	10.27	10.36 10.56	81	80	1		1.653
Tetrachloro-m-xylene	3.91	4.00 4.10	89	80	11		1.672

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-9/MW-9 8-9'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32 SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48042

Sample wt/vol: 15.38 (g/mL) g Lab File ID: 830A039

% Moisture: 16 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/30/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.561		7.7 C	U	7.7	7.7
319-85-7	beta-BHC	0.980		7.7 C	U	7.7	7.7
319-86-8	delta-BHC	2.351		7.7 C	U	7.7	7.7
58-89-9	gamma-BHC (Lindane)	2.301		1.5 C	U	1.5	1.5
76-44-8	Heptachlor	NA		7.7 C	U	7.7	7.7
309-00-2	Aldrin	NA		3.9 C	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	1.892		7.7 C	U	7.7	7.7
959-98-8	Endosulfan I	NA		7.7 C	UJ	7.7	7.7
60-57-1	Dieldrin	1.914		3.9 C	U	3.9	3.9
72-55-9	4,4' -DDE	1.627	18	P	J	2.3	2.3
72-20-8	Endrin	1.692		7.7 C	U	7.7	7.7
33213-65-9	Endosulfan II	NA		7.7 C	U	7.7	7.7
72-54-8	4,4' -DDD	1.398	4.6	P	J	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA		7.7 C	U	7.7	7.7
50-29-3	4,4' -DDT	1.515		2.3 C	U	2.3	2.3
72-43-5	Methoxychlor	NA		39 C	U	39	39
53494-70-5	Endrin ketone	1.721		7.7 C	U	7.7	7.7
7421-93-4	Endrin Aldehyde	NA		7.7 C	U	7.7	7.7
8001-35-2	Toxaphene	NA		150 C	U	150	150
5103-71-9	alpha-Chlordane	1.934	9.2	P	J	3.9	3.9
5103-74-2	gamma-Chlordane	1.875	5.1	P	J	3.9	3.9
57-74-9	Chlordane	NA		39 C	U	39	39
2051-24-3	Decachlorobiphenyl	1.544	63	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	82	C		%	%

72-55-9 Sample PQL Calc: (3raw * 2df * 5fv) / (15.38wt-vol * 0.84%sol) = 2.3

72-55-9 Sample Result Calc: ((23.4204raw * 2df * 5fv) / (15.38wt-vol * 0.84%sol) = 18

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-9/MW-9 12-13`

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32

SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48043

Sample wt/vol: 15.1 (g/mL) g Lab File ID: 830A049

% Moisture: 17 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/31/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.559	8.0	C	U	8.0	8.0
319-85-7	beta-BHC	0.980	8.0	C	U	8.0	8.0
319-86-8	delta-BHC	2.351	8.0	C	U	8.0	8.0
58-89-9	gamma-BHC (Lindane)	2.301	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	NA	8.0	C	U	8.0	8.0
309-00-2	Aldrin	NA	4.0	C	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	1.892	8.0	C	U	8.0	8.0
959-98-8	Endosulfan I	NA	8.0	C	U J	8.0	8.0
60-57-1	Dieldrin	1.915	4.0	C	U	4.0	4.0
72-55-9	4,4' -DDE	1.627	2.4	C	U	2.4	2.4
72-20-8	Endrin	NA	8.0	C	U	8.0	8.0
33213-65-9	Endosulfan II	1.642	8.0	C	U	8.0	8.0
72-54-8	4,4' -DDD	NA	2.4	C	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	1.470	8.0	C	U	8.0	8.0
50-29-3	4,4' -DDT	1.515	2.4	C	U	2.4	2.4
72-43-5	Methoxychlor	NA	40	C	U	40	40
53494-70-5	Endrin ketone	NA	8.0	C	U	8.0	8.0
7421-93-4	Endrin Aldehyde	1.392	8.0	C	U	8.0	8.0
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	C	U	4.0	4.0
5103-74-2	gamma-Chlordane	1.875	4.0	C	U	4.0	4.0
57-74-9	Chlordane	NA	40	C	U	40	40
2051-24-3	Decachlorobiphenyl	1.544	69	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	76	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.10wt-vol * 0.83%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-9/MW-9 12-13'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-440 0.32 SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48043

Sample wt/vol: 15.1 (g/mL) g Lab File ID: 830B049

% Moisture: 17 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/31/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.0	P	U	8.0	8.0
319-85-7	beta-BHC	NA	8.0	P	U	8.0	8.0
319-86-8	delta-BHC	NA	8.0	P	U	8.0	8.0
58-89-9	gamma-BHC (Lindane)	2.240	1.6	P	U	1.6	1.6
76-44-8	Heptachlor	NA	8.0	P	U	8.0	8.0
309-00-2	Aldrin	2.340	4.0	P	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	2.134	8.0	P	U	8.0	8.0
959-98-8	Endosulfan I	NA	8.0	P	U	8.0	8.0
60-57-1	Dieldrin	NA	4.0	P	U	4.0	4.0
72-55-9	4,4' -DDE	2.059	2.4	P	U	2.4	2.4
72-20-8	Endrin	NA	8.0	P	U	8.0	8.0
33213-65-9	Endosulfan II	NA	8.0	P	U	8.0	8.0
72-54-8	4,4' -DDD	NA	2.4	P	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	8.0	P	U	8.0	8.0
50-29-3	4,4' -DDT	1.621	2.4	P	U	2.4	2.4
72-43-5	Methoxychlor	NA	40	P	U	40	40
53494-70-5	Endrin ketone	1.832	8.0	P	U	8.0	8.0
7421-93-4	Endrin Aldehyde	NA	8.0	P	U	8.0	8.0
8001-35-2	Toxaphene	NA	160	P	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	P	U	4.0	4.0
5103-74-2	gamma-Chlordane	2.236	4.0	P	U	4.0	4.0
57-74-9	Chlordane	NA	40	P	U	40	40
2051-24-3	Decachlorobiphenyl	1.706	82	P		%	%
877-09-8	Tetrachloro-m-xylene	1.392	73	P		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.10wt-vol * 0.83%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.
 U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
 U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
 P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-9/MW-9 13.5-15'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32 SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48044

Sample wt/vol: 15.11 (g/mL) g Lab File ID: 830A047

% Moisture: 17 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/30/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.0	C	U	8.0	8.0
319-85-7	beta-BHC	0.980	8.0	C	U	8.0	8.0
319-86-8	delta-BHC	2.351	8.0	C	U	8.0	8.0
58-89-9	gamma-BHC (Lindane)	NA	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	NA	8.0	C	U	8.0	8.0
309-00-2	Aldrin	NA	4.0	C	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	1.892	8.0	C	U	8.0	8.0
959-98-8	Endosulfan I	NA	8.0	C	UJ	8.0	8.0
60-57-1	Dieldrin	1.914	4.0	C	U	4.0	4.0
72-55-9	4,4' -DDE	1.627	2.4	C	U	2.4	2.4
72-20-8	Endrin	1.691	8.0	C	U	8.0	8.0
33213-65-9	Endosulfan II	1.642	8.0	C	U	8.0	8.0
72-54-8	4,4' -DDD	NA	2.4	C	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	8.0	C	U	8.0	8.0
50-29-3	4,4' -DDT	1.515	2.4	C	U	2.4	2.4
72-43-5	Methoxychlor	NA	40	C	U	40	40
53494-70-5	Endrin ketone	NA	8.0	C	U	8.0	8.0
7421-93-4	Endrin Aldehyde	1.392	8.0	C	U	8.0	8.0
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	C	U	4.0	4.0
5103-74-2	gamma-Chlordane	1.875	4.0	C	U	4.0	4.0
57-74-9	Chlordane	NA	40	C	U	40	40
2051-24-3	Decachlorobiphenyl	1.544	69	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	79	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.11wt-vol * 0.83%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.
 U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
 U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
 P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-9/MW-9 13.5-15'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-440 0.32 SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48044

Sample wt/vol: 15.11 (g/mL) g Lab File ID: 830B047

% Moisture: 17 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/30/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.0	P	U	8.0	8.0
319-85-7	beta-BHC	NA	8.0	P	U	8.0	8.0
319-86-8	delta-BHC	NA	8.0	P	U	8.0	8.0
58-89-9	gamma-BHC (Lindane)	2.240	1.6	P	U	1.6	1.6
76-44-8	Heptachlor	NA	8.0	P	U	8.0	8.0
309-00-2	Aldrin	2.341	4.0	P	U	4.0	4.0
1024-57-3	Heptachlor Epoxide	2.134	8.0	P	U	8.0	8.0
959-98-8	Endosulfan I	NA	8.0	P	U	8.0	8.0
60-57-1	Dieldrin	NA	4.0	P	U	4.0	4.0
72-55-9	4,4' -DDE	2.059	2.4	P	U	2.4	2.4
72-20-8	Endrin	1.872	8.0	P	U	8.0	8.0
33213-65-9	Endosulfan II	NA	8.0	P	U _J	8.0	8.0
72-54-8	4,4' -DDD	NA	2.4	P	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	NA	8.0	P	U	8.0	8.0
50-29-3	4,4' -DDT	1.621	2.4	P	U	2.4	2.4
72-43-5	Methoxychlor	NA	40	P	U	40	40
53494-70-5	Endrin ketone	1.832	8.0	P	U	8.0	8.0
7421-93-4	Endrin Aldehyde	NA	8.0	P	U	8.0	8.0
8001-35-2	Toxaphene	NA	160	P	U	160	160
5103-71-9	alpha-Chlordane	NA	4.0	P	U	4.0	4.0
5103-74-2	gamma-Chlordane	2.236	4.0	P	U	4.0	4.0
57-74-9	Chlordane	NA	40	P	U	40	40
2051-24-3	Decachlorobiphenyl	1.706	80	P		%	%
877-09-8	Tetrachloro-m-xylene	1.392	71	P		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.11wt-vol * 0.83%sol) = 40

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-10/MW-10 7-8`

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32

SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48045

Sample wt/vol: 15.12 (g/mL) g Lab File ID: 830A042

% Moisture: 16 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/30/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.9	C	U	7.9	7.9
319-85-7	beta-BHC	0.980	7.9	C	U	7.9	7.9
319-86-8	delta-BHC	2.351	7.9	C	U	7.9	7.9
58-89-9	gamma-BHC (Lindane)	2.301	1.6	C	U	1.6	1.6
76-44-8	Heptachlor	NA	7.9	C	U	7.9	7.9
309-00-2	Aldrin	NA	3.9	C	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	1.892	7.9	C	U	7.9	7.9
959-98-8	Endosulfan I	NA	7.9	C	UJ	7.9	7.9
60-57-1	Dieldrin	1.914	3.9	C	U	3.9	3.9
72-55-9	4,4' -DDE	1.627	6.9	C	J	2.4	2.4
72-20-8	Endrin	NA	7.9	C	U	7.9	7.9
33213-65-9	Endosulfan II	1.642	7.9	C	U	7.9	7.9
72-54-8	4,4' -DDD	1.398	2.4	C	U	2.4	2.4
1031-07-8	Endosulfan Sulfate	1.470	7.9	C	U	7.9	7.9
50-29-3	4,4' -DDT	1.515	10	P	J	2.4	2.4
72-43-5	Methoxychlor	0.778	39	C	U	39	39
53494-70-5	Endrin ketone	1.720	7.9	C	U	7.9	7.9
7421-93-4	Endrin Aldehyde	1.392	7.9	C	U	7.9	7.9
8001-35-2	Toxaphene	NA	160	C	U	160	160
5103-71-9	alpha-Chlordane	1.934	3.9	C	U	3.9	3.9
5103-74-2	gamma-Chlordane	1.875	3.9	C	U	3.9	3.9
57-74-9	Chlordane	NA	39	C	U	39	39
2051-24-3	Decachlorobiphenyl	1.544	78	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	80	C		%	%

72-55-9 Sample PQL Calc: $(3\text{raw} * 2\text{df} * 5\text{fv}) / (15.12\text{wt-vol} * 0.84\%\text{sol}) = 2.4$

72-55-9 Sample Result Calc: $((8.7354\text{raw} * 2\text{df} * 5\text{fv}) / (15.12\text{wt-vol} * 0.84\%\text{sol})) = 6.9$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-10/MW-10 15-16.5'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32 SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48046

Sample wt/vol: 15.38 (g/mL) g Lab File ID: 830A040

% Moisture: 23 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/29/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/30/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.4	C	U	8.4	8.4
319-85-7	beta-BHC	0.980	8.4	C	U	8.4	8.4
319-86-8	delta-BHC	2.351	8.4	C	U	8.4	8.4
58-89-9	gamma-BHC (Lindane)	2.301	1.7	C	U	1.7	1.7
76-44-8	Heptachlor	NA	8.4	C	U	8.4	8.4
309-00-2	Aldrin	NA	4.2	C	U	4.2	4.2
1024-57-3	Heptachlor Epoxide	1.893	8.4	C	U	8.4	8.4
959-98-8	Endosulfan I	NA	8.4	C	U J	8.4	8.4
60-57-1	Dieldrin	1.914	4.2	C	U	4.2	4.2
72-55-9	4,4' -DDE	1.627	2.5	C	U	2.5	2.5
72-20-8	Endrin	NA	8.4	C	U	8.4	8.4
33213-65-9	Endosulfan II	1.642	8.4	C	U	8.4	8.4
72-54-8	4,4' -DDD	1.398	2.5	C	U	2.5	2.5
1031-07-8	Endosulfan Sulfate	1.470	8.4	C	U	8.4	8.4
50-29-3	4,4' -DDT	1.515	2.5	C	U	2.5	2.5
72-43-5	Methoxychlor	0.778	42	C	U	42	42
53494-70-5	Endrin ketone	NA	8.4	C	U	8.4	8.4
7421-93-4	Endrin Aldehyde	1.392	8.4	C	U	8.4	8.4
8001-35-2	Toxaphene	NA	170	C	U	170	170
5103-71-9	alpha-Chlordane	NA	4.2	C	U	4.2	4.2
5103-74-2	gamma-Chlordane	1.875	4.2	C	U	4.2	4.2
57-74-9	Chlordane	NA	42	C	U	42	42
2051-24-3	Decachlorobiphenyl	1.544	63	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	79	C		%	%

57-74-9 Sample PQL Calc: $(50\text{raw} * 2\text{df} * 5\text{fv}) / (15.38\text{wt-vol} * 0.77\%\text{sol}) = 42$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-10/MW-10 19-20'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD35 Column.: Rtx-440 0.32 SDG No.: GCR48041

Matrix: (soil/water) Soil Lab Sample ID: CR48047

Sample wt/vol: 15.28 (g/mL) g Lab File ID: 903B037

% Moisture: 15 decanted: (Y/N) N Date Received: 08/23/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 08/30/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/03/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.7	P	U	7.7	7.7
319-85-7	beta-BHC	NA	7.7	P	U	7.7	7.7
319-86-8	delta-BHC	NA	7.7	P	U	7.7	7.7
58-89-9	gamma-BHC (Lindane)	NA	1.5	P	U	1.5	1.5
76-44-8	Heptachlor	NA	7.7	P	UJ	7.7	7.7
309-00-2	Aldrin	NA	3.8	P	U	3.8	3.8
1024-57-3	Heptachlor Epoxide	NA	7.7	P	U	7.7	7.7
959-98-8	Endosulfan I	NA	7.7	P	UJ	7.7	7.7
60-57-1	Dieldrin	NA	3.8	P	UJ	3.8	3.8
72-55-9	4,4' -DDE	NA	2.3	P	U	2.3	2.3
72-20-8	Endrin	1.531	7.7	P	U	7.7	7.7
33213-65-9	Endosulfan II	NA	7.7	P	UJ	7.7	7.7
72-54-8	4,4' -DDD	1.300	2.3	P	U	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.7	P	U	7.7	7.7
50-29-3	4,4' -DDT	1.506	2.3	P	UJ	2.3	2.3
72-43-5	Methoxychlor	0.861	38	P	UJ	38	38
53494-70-5	Endrin ketone	NA	7.7	P	U	7.7	7.7
7421-93-4	Endrin Aldehyde	1.441	7.7	P	U	7.7	7.7
8001-35-2	Toxaphene	NA	150	P	U	150	150
5103-71-9	alpha-Chlordane	NA	3.8	P	U	3.8	3.8
5103-74-2	gamma-Chlordane	2.006	3.8	P	U	3.8	3.8
57-74-9	Chlordane	NA	38	P	U	38	38
2051-24-3	Decachlorobiphenyl	1.653	50	P		%	%
877-09-8	Tetrachloro-m-xylene	1.672	35	P		%	%

57-74-9 Sample PQL Calc: $(50\text{raw} * 2\text{df} * 5\text{fv}) / (15.28\text{wt-vol} * 0.85\%\text{sol}) = 38$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP
#NY11301)



Method Review: PCB

Lab Job ID: **GCR48041**

Lab ID	Field ID	Collection Date	Matrix
CR48042	SB-9/MW-9 8-9'	8/23/2024	Soil
CR48043	SB-9/MW-9 12-13'	8/23/2024	Soil
CR48044	SB-9/MW-9 13.5-15'	8/23/2024	Soil
CR48045	SB-10/MW-10 7-8'	8/23/2024	Soil
CR48046	SB-10/MW-10 15-16.5'	8/23/2024	Soil
CR48047	SB-10/MW-10 19-20'	8/23/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD08 while samples were analyzed on ECD03. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values. QA/QC samples were run on ECD29, thus all normal qualification occurred on associated samples.

- While calibration for ECD29 file 903A003 had a failure in %D of Aroclor 1260-3, it was not over 25% as stated in SOP. No further qualification needed.

All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48033



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			calibration for ECD29 file 903A003 had a failure in %D of Aroclor 1260-3, it was not over 25% as stated in SOP. No further qualification needed.
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Arcelor standard (C3) and within RT window?		x		
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?		x		Samples run on instrument EDC03 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed. Blanks associated with ECD29 were within laboratory criteria.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?	x			Matrix samples were not evaluated on ECD03 thus no qualification will be made based on this data. Matrix sample associated with ECD29 were within laboratory criteria.
Were MS/MSD (%R) and RPD within QC?	x			
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Laboratory control samples were not evaluated on ECD03 thus no qualification will be made based on this data. Laboratory control sample associated with ECD29 were within laboratory criteria.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) within ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			

Criteria	Y	N	NA	Comment
K. Field Duplicates				
Were Field Duplicated identified within sample package?		x		
Was RPD less than 50%?			x	
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.



Calculation Spot Check

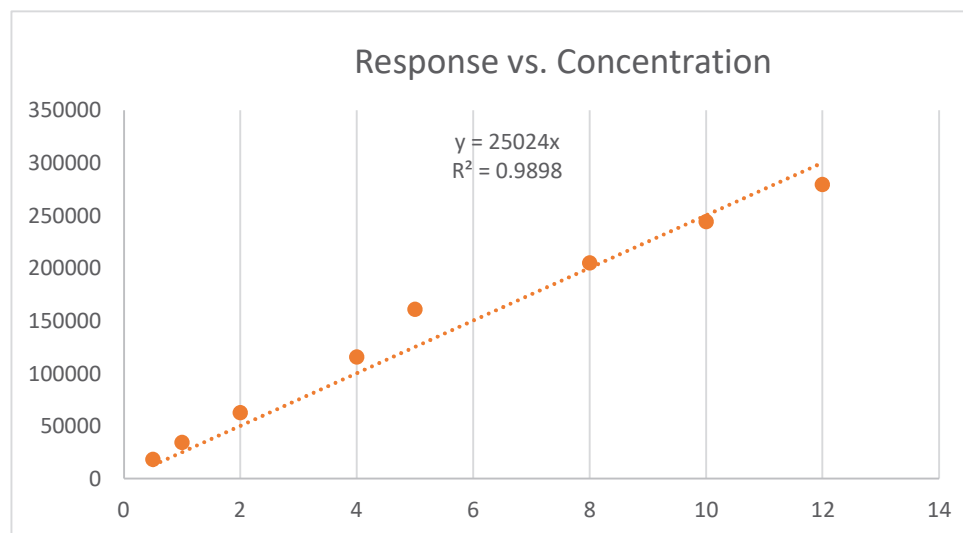
Instrument: ECD29

ICV Date and Time: 08/15/24

Compound: Arclor 1016-1

	CF	Concentration	Area
LV1	0.045	0.5	18029.6
LV2	0.041	1	34047.6
LV3	0.039	2.0000	62550
LV4	0.037	4.0000	115512
LV5	0.034	5.0000	160737.79
LV6	0.032	8.0000	204896.89
LV7	0.034	10.0000	244041.32
LV8	0.051	12.0000	279264
Mean	0.039		
%RSD	16.36		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.





Calculation Spot Check

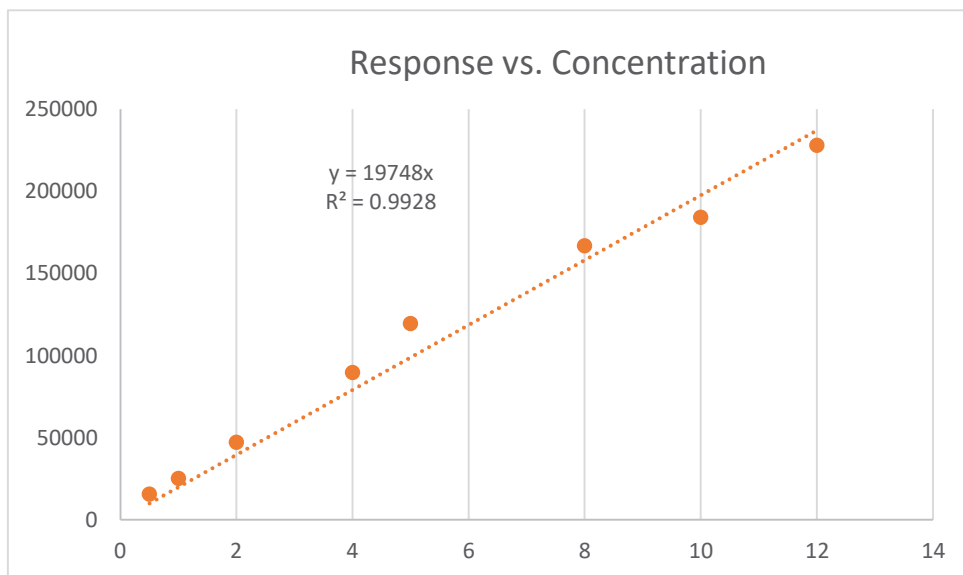
Instrument: ECD03

ICV Date and Time: 08/19/24

Compound: Arclor 1016-1

	CF	Concentration	Area
LV1	0.030	0.5	15603.69
LV2	0.028	1	25070.18
LV3	0.026	2.0000	47214.98
LV4	0.024	4.0000	89696.94
LV5	0.026	5.0000	119388.57
LV6	0.023	8.0000	166914.21
LV7	0.024	10.0000	184117.18
LV8	0.036	12.0000	228018.55
Mean	0.027		
%RSD	15.70		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.



Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: Method 6010D Metals

Lab Job ID: GCR48041

Lab ID	Field ID	Collection Date	Matrix
CR48042	SB-9/MW-9 8-9'	8/23/2024	Soil
CR48043	SB-9/MW-9 12-13'	8/23/2024	Soil
CR48044	SB-9/MW-9 13.5-15'	8/23/2024	Soil
CR48045	SB-10/MW-10 7-8'	8/23/2024	Soil
CR48046	SB-10/MW-10 15-16.5'	8/23/2024	Soil
CR48047	SB-10/MW-10 19-20'	8/23/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

- It is noted the CRDL was not within recover limits of Mercury but also was no detected within any samples, no further qualification is needed.
- Within laboratory duplicate samples Arsenic failure in RPD occurred in sample CR47889 which was not part of the sample package . No further qualification is needed.

Data is within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR48041



Method 6010D Metals

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of aqueous/TCLP/SPLP samples of 180 days preserved with nitric acid (pH>2)?	x			
Technical Hold Time of soil/sediment/wipe samples of 180 days ?	x			
B. Calibration				
Was an initial calibration done when system was set up or after CCV failure?	x			
Were 5 calibration standards and blank run at or below CRQL but above MDL?	x			
Were initial and continuous calibration verification (ICV and CCV) within NFG guidelines of %R (table 3)?	x			
C. Blanks				
Were contaminants found?		x		
Initial Calibration Blank (ICB) was analyzed after standards and run after ICV?	x			
Continuing Calibration Blank (CCB) was ran after every CCV every 2 hrs.	x			

Criteria	Y	N	NA	Comment
D. Laboratory Control Samples				
Was LCS analyzed for every group of aqueous/soil/ sediment /wipes samples in each SDG?(LCS is spiked 2X the CRQL for the associated matrix.)?	x			
Were %Rs within control limit of 70-130%? (Except for Sb and Ag , 50-150%)	x			
E. Matrix Spike/Matrix duplicate				CR48036 and SB-10/MW-10 7-8' Mercury, CR47889 and SB-10/MW-10 15-16.5'
Were MS and MSD analyzed for SGD?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?	x			
F. Duplicate Samples				CR48036 and SB-10/MW-10 7-8' Mercury, CR47889 and SB-10/MW-10 15-16.5'
Was at least one duplicate sample run per matrix or SDG?	x			Arsenic failure in RPD occurred in sample CR47889 which was not part of the sample package . No further qualification is needed.
Were control limit of 50% Relative Percent Difference between 'original' and duplicate?		x		
Were control limit CRQL of <5X found?	x			
G. Serial Dilution				CR47889 and SB-10/MW-10 15-16.5'
Was ICP serial dilution performed on each sample for each group of the same (aqueous/soil/sediment similar matrix or SDG?	x			
Was %D of original compared to dilution $\leq 10\%$?(%D > 15% may be used for soil)	x			
H. Performance Evaluation Sample				
Were PE samples analyzed with the field samples and field blanks in SDG?	x			

Criteria	Y	N	NA	Comment
Were results within warning limits (95% confidence interval) and action limit (99% confidence interval)	x			
I. Regional EPA QA/QC				
Were regional protocols of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
J. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.



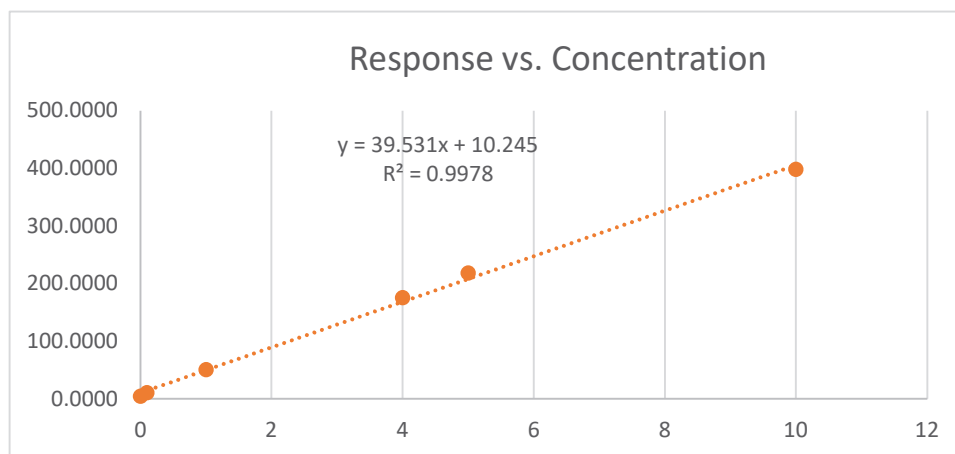
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 8/27/24 8:04

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	4.3803	0	-0.1484
STD85	10.2630	0.1000	0.005
STD86	50.4519	1.0000	1.01781
STD87	175.1519	4.0000	4.1716
STD88	218.0610	5.0000	5.2571
STD89	397.7293	10.0000	9.8021





ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 05/09/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR50329_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR50329_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



Newton Plaza Associates, LLC - Data Usability Summary Report for August 26, 2024, Soil and Water Samples

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Lab Job: GCR50329

Method Evaluated

Lab ID	Field ID	Collection Date	Matrix	8260D	8270E	8082A	8081B	6010D & 7470A	8270E 1,4-Dioxane	EPA 1633
CR50329	SB-11/MW-11 8-9FT	8/26/2024	Soil	x	x	x	x	x		x
CR50330	SB-11/MW-11 11-12FT	8/26/2024	Soil	x	x	x	x	x		
CR50331	SB-11/MW-11 14-15FT	8/26/2024	Soil	x	x	x	x	x		
CR50332	SB-12/MW-12 6'-7'	8/26/2024	Soil	x	x	x	x	x		
CR50333	SB-12/MW-12 9'-10'	8/26/2024	Soil	x	x	x	x	x		
CR50334	SB-12/MW-12 13.5FT-15FT	8/26/2024	Soil	x	x	x	x	x		
CR50335	SB-13/MW-13 8-9FT	8/26/2024	Soil	x	x	x	x	x		
CR50336	SB-13/MW-13 11-12FT	8/26/2024	Soil	x	x	x	x	x		
CR50337	SB-13/MW-13 14-15FT	8/26/2024	Soil	x	x	x	x	x		
CR50338	DUP-4	8/26/2024	Soil	x						
CR50339	SB-14/MW-14 7'-8'	8/26/2024	Soil	x	x	x	x	x		
CR50340	SB-14/MW-14 9'-10'	8/26/2024	Soil	x	x	x	x	x	x	
CR50341	SB-14/MW-14 14'-15'	8/26/2024	Soil	x	x	x	x	x		
CR50343	TRIP BLANKS LL	8/26/2024	Soil	x						
CR50344	TRIP BLANKS HL	8/26/2024	Soil	x						
CR50342	EQUIPMENT BLANK	10/8/2024	Water	x						

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).



- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Sampling, Analysis, And Assessment of Per- and Polyfluoroalkyl Substances (PFAS) (Under NYSDEC's Part 375 Remedial Program) (April 2023)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)
- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)
- Method 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides by Gas Chromatography (February 2007)
- Method 6010D Inductively Coupled Plasma—Optical Emission Spectrometry, revision 5 (June 2018)
- Method 7471B Mercury in Solid or Semisolid Wastes (Manual Cold-Vapor Technique) (February 2007)
- Method 1633, Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS, EPA 821-R-24-001 (January 2024)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Standard Methods for the Examination of Water and Wastewater, 24th edition, SM 2540 Solids (2017)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.



Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets criteria for compliance with methods 8260D, 8270E, 8081.B, 8082A, 6010D, 7471B and 2540G except for rejected data due to instrument issues as noted in sections 8260D and 8270E. Percent solid method E160.3 was run, and all samples are over 30% solid.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR50329**

Lab ID	Field ID	Collection Date	Matrix
CR50342	EQUIPMENT BLANK	10/8/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration , %RSD did not meet criteria for analyte Vinyl Chloride, but was not detected within sample. No further qualification is need.
- Within continuous calibration , several compounds were outside of %D laboratory criteria which led to qualification of compounds as non-detect estimate "UJ" values. Compound TFH was below minimum RRF value which led to qualification as a rejected "R" value.

Data was qualified within category B criterion and is usable, except of rejected value..

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR50329



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration , %RSD did not meet criteria for analyte Vinyl Chloride, but was not detected within sample. No further qualification is need.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Several compounds were outside of %D laboratory criteria which led to qualification of compounds as non-detect estimate "UJ" values. Compound TFH was below minimum RRF value which led to qualification as a rejected "R" value. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				EQUIPMENT BLANKS
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	

Criteria	Y	N	NA	Comment
H. Field Duplicate				
Were field duplicates identified in this SGD?		x		
Were target compounds detected in it? Were RSPs less than 50%?			x	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?			x	
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			x	
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of sample occurred due to continuous calibration failures. All data is usable except of rejected value.

Calculation Spot Check

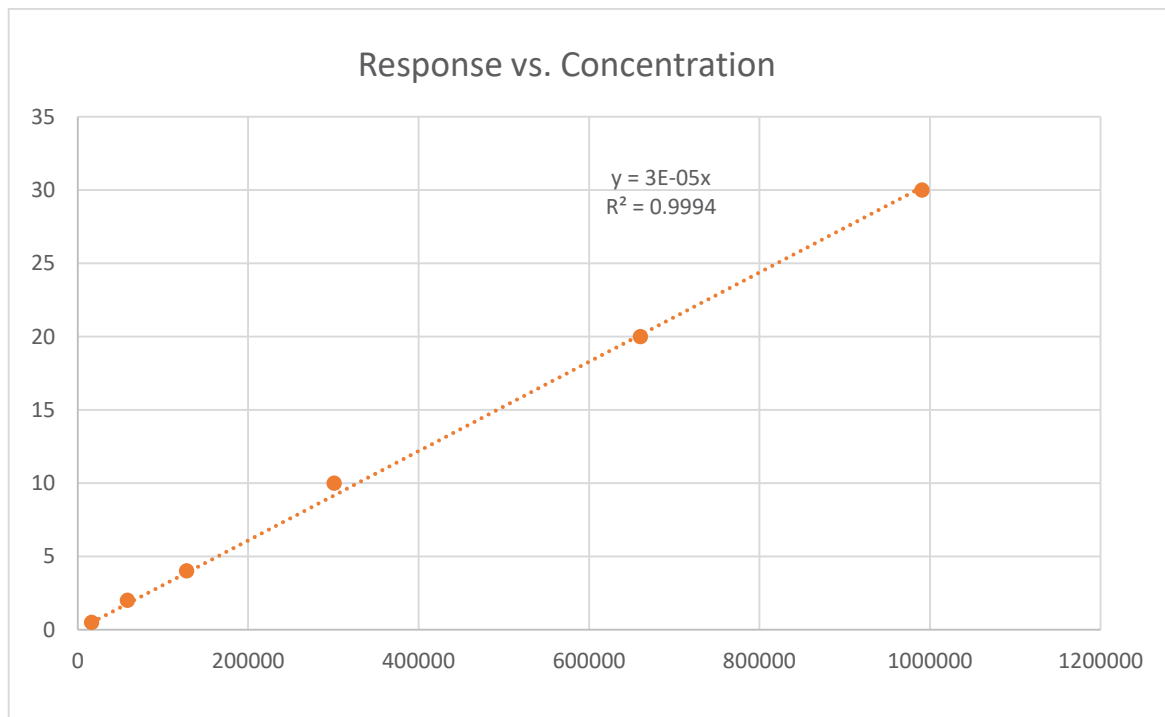
Instrument: CHEM17

ICV Date and time : 08/27/24 9:06

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.700	16121	0.5
L2	0.652	58220	2
L3	0.735	127869	4
L4	0.733	300835	10
L5	0.823	660075	20
L6	0.804	990623	30
average	0.741		
RSD	8.6		



Reviewer Comment: Qualification of several analytes as non-detect estimate "UJ" values within associated sample CR50342 due to %D results above SOP limits. Compound THF detected RRF was below minimum level which led to qualification as rejected "R" value

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

Instrument: CHEM17 Calibration Date: 08/29/24 Time: 18:40

Lab File Id: 0829_28.D Init. Calib. Date(s): 08/27/24 08/27/24

Heated Purge (Y/N): N Init. Calib. Times: 09:06 13:16

GC Column: RTX-VMS Method File: VT-082724P.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	410378	417223	n.a.	101.7	50-200
1,4-Difluorobenzene (IS Area/Area%)	646824	646663	n.a.	100.0	50-200
Chlorobenzene-d5 (IS Area/Area%)	591248	610177	n.a.	103.2	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	281985	294361	n.a.	104.4	50-200
1,4-Dioxane d8 (IS Area/Area%)	20860	26370	n.a.	126.4	n.a.
Dichlorodifluoromethane	0.730	0.857	0.010	-17.4	20 (60)
Chloromethane	0.741	0.753	0.010	-1.6	20 (60)
Vinyl Chloride	0.708	0.767	0.010	-8.3	20 (40)
Bromomethane	0.271	0.335	0.010	-23.6 +	20 (60)
Chloroethane	0.413	0.430	0.010	-4.1	20 (40)
Trichlorofluoromethane	0.865	0.987	0.010	-14.1	20 (40)
1,1-Dichloroethene	0.485	0.535	0.060	-10.3	20 (40)
Trichlorotrifluoroethane	0.364	0.397	0.050	-9.1	20 (40)
Carbon Disulfide	1.425	1.491	0.100	-4.6	20 (40)
Methylene Chloride	0.475	0.472	0.010	0.6	20 (40)
Acetone	0.035	0.040	0.010	-14.3	20 (60)
Trans-1,2-Dichloroethene	0.529	0.564	0.100	-6.6	20 (40)
Methyl t-Butyl Ether (MTBE)	0.692	0.771	0.100	-11.4	20 (40)
1,1-Dichloroethane	1.061	1.092	0.300	-2.9	20 (40)
Acrylonitrile	0.059	0.063	0.050	-6.8	20 (40)
Cis-1,2-Dichloroethene	0.544	0.586	0.200	-7.7	20 (40)
2,2-Dichloropropane	0.871	0.825	0.050	5.3	20 (40)
Bromochloromethane	0.167	0.164	0.100	1.8	20 (40)
Chloroform	0.924	0.876	0.300	5.2	20 (40)
Carbon Tetrachloride	0.680	0.638	0.100	6.2	20 (40)
Tetrahydrofuran (THF)	0.036	0.044	* 0.050	-22.2 +	20 (40)
1,1,1-Trichloroethane	0.830	0.858	0.050	-3.4	20 (40)
Methyl Ethyl Ketone	0.056	0.063	0.010	-12.5	20 (60)
1,1-Dichloropropene	0.480	0.531	0.050	-10.6	20 (40)
Benzene	1.387	1.488	0.200	-7.3	20 (40)
1,2-Dichloroethane	0.276	0.289	0.070	-4.7	20 (40)
Trichloroethene	0.332	0.351	0.200	-5.7	20 (40)
Dibromomethane	0.106	0.124	0.050	-17.0	20 (40)
1,2-dichloropropane	0.322	0.360	0.200	-11.8	20 (40)
Bromodichloromethane	0.334	0.367	0.300	-9.9	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

Instrument: CHEM17 Calibration Date: 08/29/24 Time: 18:40

Lab File Id: 0829_28.D Init. Calib. Date(s): 08/27/24 08/27/24

Heated Purge (Y/N): N Init. Calib. Times: 09:06 13:16

GC Column: RTX-VMS Method File: VT-082724P.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
cis-1,3-Dichloropropene	0.414	0.470	0.300	-13.5	20 (40)
Toluene	0.849	0.941	0.300	-10.8	20 (40)
4-Methyl-2-Pentanone	0.091	0.112	0.030	-23.1 +	20 (60)
Tetrachloroethene	0.288	0.321	0.100	-11.5	20 (40)
trans-1,3-Dichloropropene	0.287	0.307	0.300	-7.0	20 (40)
1,1,2-Trichloroethane	0.146	0.165	* 0.200	-13.0	20 (40)
Dibromochloromethane	0.199	0.187	* 0.200	6.0	20 (40)
1,3-Dichloropropane	0.296	0.332	0.050	-12.2	20 (40)
1,2-Dibromoethane	0.162	0.172	* 0.200	-6.2	20 (40)
2-Hexanone	0.067	0.082	0.010	-22.4 +	20 (60)
Chlorobenzene	0.908	0.962	0.400	-5.9	20 (40)
Ethylbenzene	0.578	0.606	0.400	-4.8	20 (40)
1,1,1,2-Tetrachloroethane	0.275	0.264	0.050	4.0	20 (40)
m&p-Xylene	0.692	0.724	0.200	-4.6	20 (40)
o-Xylene	0.703	0.736	0.200	-4.7	20 (40)
Styrene	0.988	1.031	0.200	-4.4	20 (40)
Bromoform	0.092	0.072	* 0.100	21.7 +	20 (40)
Isopropylbenzene	0.991	1.075	0.400	-8.5	20 (40)
Bromobenzene	0.703	0.751	0.050	-6.8	20 (40)
n-Propylbenzene	0.989	1.072	0.050	-8.4	20 (40)
1,1,2,2-Tetrachloroethane	0.316	0.348	0.200	-10.1	20 (40)
2-Chlorotoluene	0.813	0.857	0.050	-5.4	20 (40)
1,3,5-Trimethylbenzene	3.023	3.253	0.050	-7.6	20 (40)
1,2,3-Trichloropropane	0.244	0.272	0.050	-11.5	20 (40)
trans-1,4-Dichloro-2-butene	0.091	0.082	0.050	9.9	20 (40)
4-Chlorotoluene	0.811	0.842	0.050	-3.8	20 (40)
tert-Butylbenzene	2.589	2.833	0.050	-9.4	20 (40)
1,2,4-Trimethylbenzene	3.014	3.231	0.050	-7.2	20 (40)
sec-Butylbenzene	3.826	4.261	0.050	-11.4	20 (40)
p-Isopropyltoluene	3.210	3.522	0.050	-9.7	20 (40)
1,3-Dichlorobenzene	1.444	1.527	0.500	-5.7	20 (40)
1,4-Dichlorobenzene	1.359	1.434	0.600	-5.5	20 (40)
2-Isopropyltoluene	2.912	3.152	0.050	-8.2	20 (40)
n-Butylbenzene	2.822	3.259	0.050	-15.5	20 (40)
1,2-Dichlorobenzene	1.143	1.243	0.600	-8.7	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment: Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file 0829_28.D. Analyte THF was below minimum RRF which led to qualification of compound in sample as rejected "R" value.

1 CLIENT ID VOLATILE ORGANICS ANALYSIS DATA SHEET EQUIPMENT BLANKS			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR50329	Lab Sample ID:	CR50342
Sample wt/vol:	25 (g/mL) mL	Lab File ID:	0829_33.D
Level: (low/med/meth):	Low	Date Received:	08/27/24
% Moisture:	n.a.	Date Analyzed:	08/29/24
Instrument:	CHEM17	Column:	RTX-VMS
		Dilution Factor:	1
Purge Volume	25000 (uL) pH: < 2	Soil Aliquot Vol:	n.a. (uL)
Matrix: (soil/water)	Water	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	1.0	U	0.25	1.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	1.0	UJ	0.25	1.0	r
75-00-3	Chloroethane	1.0	U	0.25	1.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	5.0	U	0.25	5.0	r
75-09-2	Methylene Chloride	1.0	U	1.0	1.0	r
67-64-1	Acetone	25	U	2.5	25	r
156-60-5	Trans-1,2-Dichloroethene	1.0	U	0.25	1.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	1.0	U	0.25	1.0	r
107-13-1	Acrylonitrile	1.0	U	0.25	1.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	1.0	U	0.25	1.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	2.5	U R	2.5	2.5	r
71-55-6	1,1,1-Trichloroethane	1.0	U	0.25	1.0	r
78-93-3	Methyl Ethyl Ketone	5.0	U	2.5	5.0	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.25	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	0.50	U	0.25	0.50	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	5.0	UJ	2.5	5.0	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

EQUIPMENT BLANKS

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50342

Sample wt/vol: 25 (g/mL) mL Lab File ID: 0829_33.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: n.a. Date Analyzed: 08/29/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	0.50	U	0.25	0.50	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	5.0	UJ	2.5	5.0	r
108-90-7	Chlorobenzene	1.0	U	0.25	1.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	1.0	UJ	0.25	1.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.25	0.50	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	2.5	5.0	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.40	U	0.25	0.40	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR50329**

Lab ID	Field ID	Collection Date	Matrix
CR50329	SB-11/MW-11 8-9FT	8/26/2024	Soil
CR50330	SB-11/MW-11 11-12FT	8/26/2024	Soil
CR50331	SB-11/MW-11 14-15FT	8/26/2024	Soil
CR50332	SB-12/MW-12 6'-7'	8/26/2024	Soil
CR50333	SB-12/MW-12 9'-10'	8/26/2024	Soil
CR50334	SB-12/MW-12 13.5FT-15FT	8/26/2024	Soil
CR50335	SB-13/MW-13 8-9FT	8/26/2024	Soil
CR50336	SB-13/MW-13 11-12FT	8/26/2024	Soil
CR50337	SB-13/MW-13 14-15FT	8/26/2024	Soil
CR50338	DUP-4	8/26/2024	Soil
CR50339	SB-14/MW-14 7'-8'	8/26/2024	Soil
CR50340	SB-14/MW-14 9'-10'	8/26/2024	Soil
CR50341	SB-14/MW-14 14'-15'	8/26/2024	Soil
CR50343	TRIP BLANKS LL	8/26/2024	Soil
CR50344	TRIP BLANKS HL	8/26/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration , %RSD did not meet criteria for analyte Acetone, and detected in two associated samples CR50337 and CR50338 leading to qualification as a estimate "J" value.
- Within continuous calibration , several compounds were outside of %D laboratory criteria which led to qualification of compounds as non-detect estimate "UJ" values
- Several analyte failed %R, only those present in CR50334MS/MSD led to qualification within parent sample as non-detect estimates "UJ" values for Acetone and MEK.
- Internal standard within DUP-4, 1,4-Dichlorobenzene-d4 was below 50% leading to the qualification of associated compounds as non-detect estimate "UJ" values.
- Duplicate pair SB-13/MW-13 8-9FT and DUP-4 were beyond laboratory comparison limits leading to the qualification of Acetone as an estimate in sampled SB-13/MW-13 8-9FT. DUP-4 was qualified due to issued with instrument calibration.
- Tentative identified compounds were detected but raw data was not presented thus evaluation of procedure cannot be made. Analytes detected in samples (CR50329-CR50331) are estimate values, no further qualification is needed.

Data was qualified within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR50329



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			Within initial calibration , %RSD did not meet criteria for analyte Acetone, and detected in two associated samples CR50337 and CR50338 leading to qualification as a estimate "J" value. See attachment.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Several compounds were outside of %D laboratory criteria which led to qualification of compounds as non-detect estimate "UJ" values. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				TRIP BLANK LL/HL
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				CR50334 MS/MSD (-H), CR49395,CR50154
Were MS and MSD analyzed for SDG?	x			While several analyte failed %R only those present in CR50334MS/MSD led to qualification within parent sample as non-detect estimates "UJ" values for Acetone and MEK. See attachment.
Was MS/MSD done every 20 samples?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
H. Field Duplicate				SB-13/MW-13 8-9FT and DUP-4
Were field duplicates identified in this SGD?	x			Duplicate pair SB-13/MW-13 8-9FT and DUP-4 were beyond laboratory comparison limits leading to the qualification of Acetone as an estimate "J" value in sampled SB-13/MW-13 8-9FT. DUP-4 was qualified due to issued with instrument calibration. See attachment.
Were target compounds detected in it? Were RSPs less than 50%?		x		
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?		x		Internal standard within DUP-4, 1,4-Dichlorobenzene-d4 was below 50% leading to the qualification of associated compounds as non-detect estimate "UJ" values. See attachment.
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?			x	
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?		x		
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of sample occurred due to initial and continuous calibration failures. Qualification also occurred due to matrix samples failures and duplicate comparison failure. All data within Cat. B criterion and usable.

Calculation Spot Check

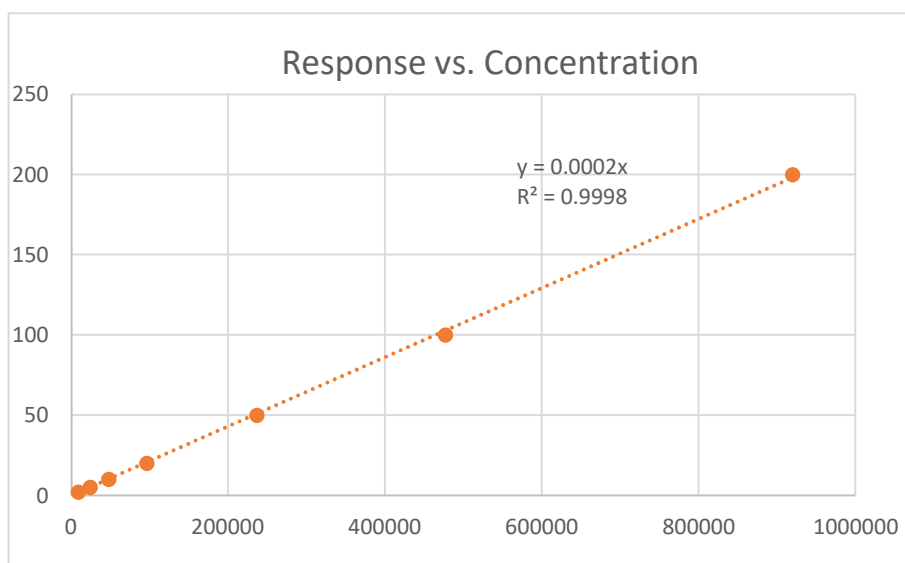
Instrument: CHEM26

ICV Date and time : 08/09/24 11:18

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.476	8790	2
L2	0.514	23941	5
L3	0.508	47743	10
L4	0.515	96382	20
L5	0.519	236758	50
L6	0.512	477113	100
L7	0.484	919968	200
average	0.504		
RSD	3.3		



Calculation Spot Check

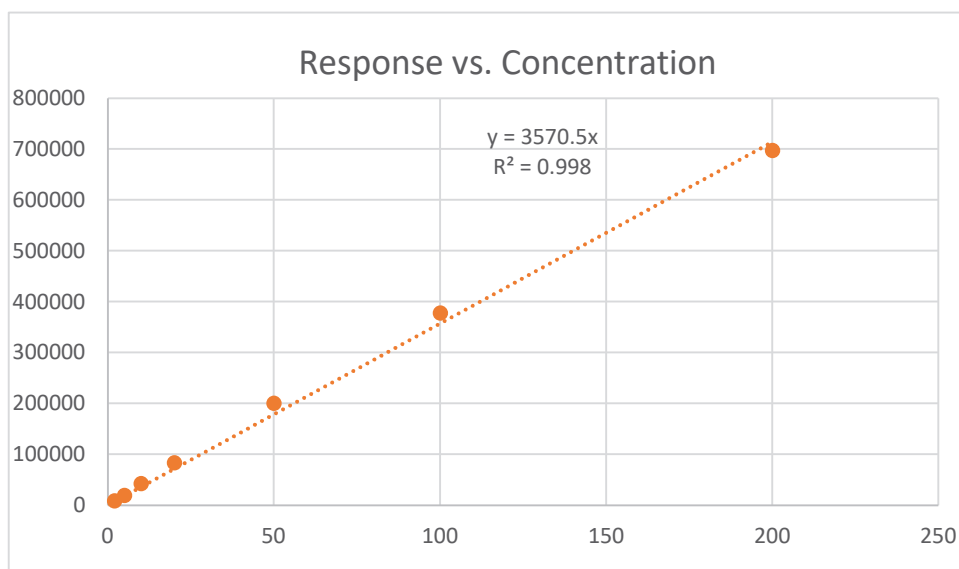
Instrument: CHEM18

ICV Date and time : 08/26/24 11:45

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.608	7947	2
L2	0.591	19248	5
L3	0.663	41937	10
L4	0.670	82850	20
L5	0.644	199974	50
L6	0.665	377727	100
L7	0.617	696910	200
average	0.637		
RSD	4.9		



Blind Duplicate Comparison



8260D

Compounds	Original Sample SB-13/MW-13 8-9FT	Blind Duplicate DUP-4	Relative Percent Difference
Acetone	35	160	78.13
Methyl Ethyl Ketone	-	38	NA

Reviewer comment: Duplicate pair SB-13/MW-13 8-9FT and DUP-4 were beyond laboratory comparison limits leading to the qualification of Acetone as an estimate in sampled SB-13/MW-13 8-9FT. DUP-4 was qualified due to issued with instrument calibration.

Reviewer Comment: Qualification of analyte Acetone as estimate/ non-detect estimate “J/UJ” values within associated sample CR50337-CR50341 due to %D results above laboratory limits.

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329
 Instrument ID: CHEM26 Calibration Date(s): 08/09/24 08/09/24
 Heated Purge (Y/N): Y Calibration Time(s): 11:18 13:06
 GC Column: _____ Method File: VT-080924.M

LAB FILE ID:
 RRF 2 0809_12.D RRF 5 0809_13.D RRF 10 0809_14.D RRF 20 0809_15.D
 RRF 50 0809_16.D RRF 100 0809_17.D RRF 200 0809_18.D

COMPOUND	RRF 2	RRF 5	RRF 10	RRF 20	RRF 50	RRF 100	RRF 200	RRF	% RSD	% RSD LIMITS
Dichlorodifluoromethane	0.617	0.678	0.737	0.696	0.700	0.672	0.655	0.679	5.6	20 (40)
Chloromethane	0.476	0.514	0.508	0.515	0.519	0.512	0.484	0.504	3.3	20 (40)
Vinyl Chloride	0.508	0.524	0.556	0.556	0.564	0.545	0.516	0.538	4.1	20 (30)
Bromomethane	0.358	0.357	0.355	0.353	0.353	0.340	0.319	0.348	4.0	20 (40)
Chloroethane	0.307	0.310	0.337	0.324	0.314	0.296	0.265	0.308	7.5	20 (40)
Trichlorofluoromethane	0.987	0.951	1.014	1.017	0.995	0.925	0.840	0.961	6.6	20 (40)
1,1-Dichloroethene	0.440	0.434	0.476	0.470	0.466	0.457	0.428	0.453	4.2	20 (30)
Trichlorotrifluoroethane	0.323	0.354	0.372	0.376	0.373	0.355	0.340	0.356	5.5	20 (40)
Carbon Disulfide	1.333	1.344	1.494	1.499	1.532	1.478	1.385	1.438	5.7	20 (40)
Methylene Chloride	0.684	0.562	0.575	0.540	0.527	0.519	0.494	0.557	11.2	20 (40)
Acetone		0.212	0.177	0.132	0.132	0.126	0.119	0.150	24.6 +	20 (40)
Trans-1,2-Dichloroethene	0.500	0.497	0.551	0.527	0.525	0.512	0.489	0.514	4.2	20 (40)
Methyl t-Butyl Ether (MTBE)	1.451	1.451	1.432	1.444	1.455	1.459	1.376	1.438	2.0	20 (40)
1,1-Dichloroethane	0.877	0.921	0.955	0.943	0.946	0.922	0.869	0.919	3.7	20 (40)
Acrylonitrile	0.128	0.134	0.134	0.132	0.134	0.132	0.127	0.132	2.2	20 (40)
Cis-1,2-Dichloroethene	0.479	0.497	0.514	0.516	0.515	0.504	0.483	0.501	3.1	20 (40)
2,2-Dichloropropane	0.698	0.739	0.801	0.802	0.823	0.852	0.822	0.791	6.8	20 (40)
Bromochloromethane	0.212	0.221	0.226	0.212	0.214	0.210	0.196	0.213	4.4	20 (40)
Chloroform	0.937	0.989	1.004	0.982	0.968	0.935	0.897	0.959	3.9	20 (30)
Carbon Tetrachloride	0.644	0.696	0.730	0.731	0.736	0.733	0.700	0.710	4.7	20 (40)
Tetrahydrofuran (THF)	0.114	0.097	0.105	0.106	0.110	0.111	0.102	0.107	5.4	20 (40)
1,1,1-Trichloroethane	0.815	0.897	0.947	0.940	0.942	0.928	0.871	0.906	5.4	20 (40)
Methyl Ethyl Ketone	0.204	0.185	0.196	0.168	0.169	0.169	0.159	0.179	9.4	20 (40)
1,1-Dichloropropene	0.454	0.460	0.516	0.505	0.507	0.494	0.480	0.488	4.9	20 (40)
Benzene	1.485	1.360	1.308	1.290	1.286	1.266	1.204	1.314	6.7	20 (40)
1,2-Dichloroethane	0.521	0.511	0.528	0.514	0.505	0.498	0.479	0.508	3.2	20 (40)
Trichloroethene	0.306	0.309	0.343	0.327	0.327	0.321	0.310	0.320	4.1	20 (40)
Dibromomethane	0.181	0.190	0.202	0.203	0.205	0.207	0.200	0.198	4.7	20 (40)
1,2-dichloropropane	0.330	0.311	0.316	0.318	0.312	0.323	0.304	0.316	2.6	20 (30)
Bromodichloromethane	0.445	0.471	0.485	0.488	0.494	0.502	0.479	0.481	3.8	20 (40)
cis-1,3-Dichloropropene	0.448	0.466	0.520	0.520	0.541	0.548	0.532	0.511	7.5	20 (40)
Toluene	0.929	0.816	0.774	0.785	0.783	0.762	0.734	0.798	7.9	20 (30)
4-Methyl-2-Pentanone	0.206	0.203	0.229	0.231	0.244	0.248	0.236	0.228	7.6	20 (40)
Tetrachloroethene	0.236	0.245	0.279	0.267	0.264	0.257	0.252	0.257	5.6	20 (40)
trans-1,3-Dichloropropene	0.407	0.402	0.461	0.479	0.498	0.513	0.494	0.465	9.5	20 (40)
1,1,2-Trichloroethane	0.261	0.249	0.262	0.263	0.260	0.264	0.249	0.258	2.4	20 (40)
Dibromochloromethane	0.320	0.329	0.353	0.363	0.383	0.388	0.377	0.359	7.4	20 (40)
1,3-Dichloropropane	0.541	0.554	0.580	0.590	0.592	0.576	0.545	0.568	3.8	20 (40)
1,2-Dibromoethane	0.297	0.310	0.317	0.327	0.328	0.331	0.315	0.318	3.8	20 (40)
2-Hexanone	0.229	0.206	0.203	0.194	0.211	0.218	0.214	0.211	5.4	20 (40)
Chlorobenzene	0.959	0.960	0.999	1.004	0.977	0.942	0.898	0.963	3.8	20 (40)
Ethylbenzene	0.592	0.546	0.567	0.547	0.547	0.512	0.494	0.543	6.0	20 (30)
1,1,1,2-Tetrachloroethane	0.342	0.343	0.365	0.365	0.362	0.360	0.341	0.354	3.1	20 (40)
m&p-Xylene	0.689	0.660	0.680	0.655	0.635	0.606	0.576	0.643	6.3	20 (40)
o-Xylene	0.643	0.602	0.614	0.622	0.623	0.617	0.595	0.616	2.5	20 (40)
Styrene	0.846	0.947	1.056	1.062	1.028	0.987	0.949	0.982	7.8	20 (40)
Bromoform	0.218	0.212	0.221	0.233	0.248	0.251	0.248	0.233	7.0	20 (40)
Isopropylbenzene	0.627	0.653	0.785	0.814	0.803	0.769	0.729	0.740	10.0	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) %

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %

(l) linear (li) linear inverse conc weight (li2) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

FORM VI VOA

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

Instrument: CHEM18 Calibration Date: 08/28/24 Time: 08:44

Lab File Id: 0828_02.D Init. Calib. Date(s): 08/26/24 08/26/24

Heated Purge (Y/N): Y Init. Calib. Times: 11:45 13:45

GC Column: RTX-VMS Method File: VT-M082624.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	310656	270208	n.a.	87.0	50-200
1,4-Difluorobenzene (IS Area/Area%)	570090	503457	n.a.	88.3	50-200
Chlorobenzene-d5 (IS Area/Area%)	561136	496384	n.a.	88.5	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	275043	244272	n.a.	88.8	50-200
1,4-Dioxane d8 (IS Area/Area%)	12361	10093	n.a.	81.7	n.a.
Dichlorodifluoromethane	0.743	0.700	0.010	5.8	20 (60)
Chloromethane	0.637	0.535	0.010	16.0	20 (60)
Vinyl Chloride	0.626	0.554	0.010	11.5	20 (40)
Bromomethane	0.475	0.428	0.010	9.9	20 (60)
Chloroethane	0.396	0.352	0.010	11.1	20 (40)
Trichlorofluoromethane	1.097	1.032	0.010	5.9	20 (40)
1,1-Dichloroethene	0.565	0.522	0.060	7.6	20 (40)
Trichlorotrifluoroethane	0.476	0.434	0.050	8.8	20 (40)
Carbon Disulfide	1.652	1.468	0.100	11.1	20 (40)
Methylene Chloride	0.608	0.506	0.010	16.8	20 (40)
Acetone	0.106	0.095	0.010	10.4	20 (60)
Trans-1,2-Dichloroethene	0.633	0.564	0.100	10.9	20 (40)
Methyl t-Butyl Ether (MTBE)	1.235	1.070	0.100	13.4	20 (40)
1,1-Dichloroethane	1.117	0.985	0.300	11.8	20 (40)
Acrylonitrile	0.110	0.092	0.050	16.4	20 (40)
Cis-1,2-Dichloroethene	0.636	0.572	0.200	10.1	20 (40)
2,2-Dichloropropane	0.866	0.791	0.050	8.7	20 (40)
Bromochloromethane	0.246	0.221	0.100	10.2	20 (40)
Chloroform	1.118	1.000	0.300	10.6	20 (40)
Carbon Tetrachloride	0.872	0.814	0.100	6.7	20 (40)
Tetrahydrofuran (THF)	0.085	0.073	0.050	14.1	20 (40)
1,1,1-Trichloroethane	1.000	0.949	0.050	5.1	20 (40)
Methyl Ethyl Ketone	0.143	0.109	0.010	23.8 +	20 (60)
1,1-Dichloropropene	0.474	0.419	0.050	11.6	20 (40)
Benzene	1.273	1.108	0.200	13.0	20 (40)
1,2-Dichloroethane	0.367	0.343	0.070	6.5	20 (40)
Trichloroethene	0.334	0.311	0.200	6.9	20 (40)
Dibromomethane	0.154	0.144	0.050	6.5	20 (40)
1,2-dichloropropane	0.288	0.255	0.200	11.5	20 (40)
Bromodichloromethane	0.372	0.355	0.300	4.6	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

Instrument: CHEM18 Calibration Date: 08/29/24 Time: 08:04

Lab File Id: 0829_02.D Init. Calib. Date(s): 08/26/24 08/26/24

Heated Purge (Y/N): Y Init. Calib. Times: 11:45 13:45

GC Column: RTX-VMS Method File: VT-M082624.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	310656	242304	n.a.	78.0	50-200
1,4-Difluorobenzene (IS Area/Area%)	570090	433041	n.a.	76.0	50-200
Chlorobenzene-d5 (IS Area/Area%)	561136	428434	n.a.	76.4	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	275043	214704	n.a.	78.1	50-200
1,4-Dioxane d8 (IS Area/Area%)	12361	9169	n.a.	74.2	n.a.
Dichlorodifluoromethane	0.743	1.020	0.010	-37.3 +	20 (60)
Chloromethane	0.637	0.621	0.010	2.5	20 (60)
Vinyl Chloride	0.626	0.654	0.010	-4.5	20 (40)
Bromomethane	0.475	0.494	0.010	-4.0	20 (60)
Chloroethane	0.396	0.407	0.010	-2.8	20 (40)
Trichlorofluoromethane	1.097	1.317	0.010	-20.1 +	20 (40)
1,1-Dichloroethene	0.565	0.615	0.060	-8.8	20 (40)
Trichlorotrifluoroethane	0.476	0.552	0.050	-16.0	20 (40)
Carbon Disulfide	1.652	1.705	0.100	-3.2	20 (40)
Methylene Chloride	0.608	0.584	0.010	3.9	20 (40)
Acetone	0.106	0.099	0.010	6.6	20 (60)
Trans-1,2-Dichloroethene	0.633	0.650	0.100	-2.7	20 (40)
Methyl t-Butyl Ether (MTBE)	1.235	1.228	0.100	0.6	20 (40)
1,1-Dichloroethane	1.117	1.102	0.300	1.3	20 (40)
Acrylonitrile	0.110	0.095	0.050	13.6	20 (40)
Cis-1,2-Dichloroethene	0.636	0.637	0.200	-0.2	20 (40)
2,2-Dichloropropane	0.866	0.932	0.050	-7.6	20 (40)
Bromochloromethane	0.246	0.250	0.100	-1.6	20 (40)
Chloroform	1.118	1.137	0.300	-1.7	20 (40)
Carbon Tetrachloride	0.872	0.997	0.100	-14.3	20 (40)
Tetrahydrofuran (THF)	0.085	0.074	0.050	12.9	20 (40)
1,1,1-Trichloroethane	1.000	1.109	0.050	-10.9	20 (40)
Methyl Ethyl Ketone	0.143	0.117	0.010	18.2	20 (60)
1,1-Dichloropropene	0.474	0.508	0.050	-7.2	20 (40)
Benzene	1.273	1.278	0.200	-0.4	20 (40)
1,2-Dichloroethane	0.367	0.414	0.070	-12.8	20 (40)
Trichloroethene	0.334	0.384	0.200	-15.0	20 (40)
Dibromomethane	0.154	0.169	0.050	-9.7	20 (40)
1,2-dichloropropane	0.288	0.293	0.200	-1.7	20 (40)
Bromodichloromethane	0.372	0.426	0.300	-14.5	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name: Phoenix Environmental Labs

Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM18 Calibration Date: 08/29/24 Time: 08:04

Lab File Id: 0829 02.D Init. Calib. Date(s): 08/26/24 08/26/24

Heated Purge (Y/N): Y Init. Calib. Times: 11:45 13:45

GC Column: RTX-VMS Method File: VT-M082624.M

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (%) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(li) linear (li2) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment: Analytes Acetone and Methyl Ethyl Acetate are qualified within samples CR50334, as non-detect estimate "UJ" values due to %recovery below QC limits.

3D

SOIL VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: SAS No: SDG No GCR50329

Matrix Spike - Client Id: CR50334 / SB-12/MW-12 13.5FT-15FT N Level:(low/med) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.	
Dichlorodifluoromethane	64.10	0.0	73.00	114	70	130
Chloromethane	64.10	0.0	61.16	95	70	130
Vinyl Chloride	64.10	0.0	58.17	91	70	130
Bromomethane	64.10	0.0	61.92	97	70	130
Chloroethane	64.10	0.0	58.61	91	70	130
Trichlorofluoromethane	64.10	0.0	63.32	99	70	130
1,1-Dichloroethene	64.10	0.0	58.59	91	59	172
Trichlorotrifluoroethane	64.10	0.0	65.22	102	70	130
Carbon Disulfide	64.10	0.0	57.14	89	70	130
Methylene Chloride	64.10	0.0	53.52	83	70	130
Acetone	64.10	26	66.44	63 *	70	130
Trans-1,2-Dichloroethene	64.10	0.0	57.01	89	70	130
Methyl t-Butyl Ether (MTBE)	64.10	0.0	56.47	88	70	130
1,1-Dichloroethane	64.10	0.0	56.81	89	70	130
Acrylonitrile	64.10	0.0	47.29	74	70	130
Cis-1,2-Dichloroethene	64.10	0.0	57.05	89	70	130
2,2-Dichloropropane	64.10	0.0	57.75	90	70	130
Bromochloromethane	64.10	0.0	57.56	90	70	130
Chloroform	64.10	0.0	57.96	90	70	130
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	64.10	71.37	111	2.7	30	70 130
Chloromethane	64.10	60.03	94	1.1	30	70 130
Vinyl Chloride	64.10	56.82	89	2.2	30	70 130
Bromomethane	64.10	60.31	94	3.1	30	70 130
Chloroethane	64.10	58.07	91	0.0	30	70 130
Trichlorofluoromethane	64.10	62.11	97	2.0	30	70 130
1,1-Dichloroethene	64.10	58.20	91	0.0	30	59 172
Trichlorotrifluoroethane	64.10	64.20	100	2.0	30	70 130
Carbon Disulfide	64.10	55.68	87	2.3	30	70 130
Methylene Chloride	64.10	52.52	82	1.2	30	70 130
Acetone	64.10	68.76	107	51.8 *	30	70 130
Trans-1,2-Dichloroethene	64.10	56.08	87	2.3	30	70 130
Methyl t-Butyl Ether (MTBE)	64.10	56.48	88	0.0	30	70 130
1,1-Dichloroethane	64.10	55.90	87	2.3	30	70 130
Acrylonitrile	64.10	47.34	74	0.0	30	70 130
Cis-1,2-Dichloroethene	64.10	56.58	88	1.1	30	70 130
2,2-Dichloropropane	64.10	56.67	88	2.2	30	70 130
Bromochloromethane	64.10	57.00	89	1.1	30	70 130
Chloroform	64.10	57.01	89	1.1	30	70 130

FORM III VOA

3D
SOIL VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR50329

Matrix Spike - Client Id: CR50334 / SB-12/MW-12 13.5FT-15FT N Level:(low/med) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.	
Carbon Tetrachloride	64.10	0.0	62.97	98	70	130
Tetrahydrofuran (THF)	160.3	0.0	116.3	73	70	130
1,1,1-Trichloroethane	64.10	0.0	63.43	99	70	130
Methyl Ethyl Ketone	64.10	0.0	45.13	70	70	130
1,1-Dichloropropene	64.10	0.0	60.61	95	70	130
Benzene	64.10	0.0	58.64	91	66	142
1,2-Dichloroethane	64.10	0.0	62.23	97	70	130
Trichloroethene	64.10	0.0	61.31	96	62	137
Dibromomethane	64.10	0.0	59.44	93	70	130
1,2-dichloropropane	64.10	0.0	60.18	94	70	130
Bromodichloromethane	64.10	0.0	63.68	99	70	130
cis-1,3-Dichloropropene	64.10	0.0	60.55	94	70	130
Toluene	64.10	0.0	59.88	93	59	139
4-Methyl-2-Pentanone	64.10	0.0	54.36	85	70	130
Tetrachloroethene	64.10	0.0	65.08	102	70	130
trans-1,3-Dichloropropene	64.10	0.0	59.80	93	70	130
1,1,2-Trichloroethane	64.10	0.0	60.25	94	70	130
Dibromochloromethane	64.10	0.0	61.60	96	70	130
1,3-Dichloropropane	64.10	0.0	57.32	89	70	130
COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
Carbon Tetrachloride	64.10	61.39	96	2.1	30	70 130
Tetrahydrofuran (THF)	160.3	120.6	75	2.7	30	70 130
1,1,1-Trichloroethane	64.10	60.73	95	4.1	30	70 130
Methyl Ethyl Ketone	64.10	43.93	69 *	1.4	30	70 130
1,1-Dichloropropene	64.10	59.15	92	3.2	30	70 130
Benzene	64.10	57.52	90	1.1	30	66 142
1,2-Dichloroethane	64.10	60.57	94	3.1	30	70 130
Trichloroethene	64.10	60.61	95	1.0	30	62 137
Dibromomethane	64.10	57.75	90	3.3	30	70 130
1,2-dichloropropane	64.10	58.20	91	3.2	30	70 130
Bromodichloromethane	64.10	62.50	98	1.0	30	70 130
cis-1,3-Dichloropropene	64.10	59.16	92	2.2	30	70 130
Toluene	64.10	58.82	92	1.1	30	59 139
4-Methyl-2-Pentanone	64.10	55.07	86	1.2	30	70 130
Tetrachloroethene	64.10	63.25	99	3.0	30	70 130
trans-1,3-Dichloropropene	64.10	57.86	90	3.3	30	70 130
1,1,2-Trichloroethane	64.10	59.02	92	2.2	30	70 130
Dibromochloromethane	64.10	61.14	95	1.0	30	70 130
1,3-Dichloropropane	64.10	56.22	88	1.1	30	70 130

FORM III VOA

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Phoenix Environmental Labs Client: _____
 Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329
 Lab Method / File Id: VT-080924.M / 0828_02.D Date Analyzed: 08/28/24
 Instrument ID: CHEM26 Time Analyzed: 9:57
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (PFB) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #	IS4 (DCB) AREA #	RT #	LAB FILE ID
REFERENCE STD	569277	3.81	845971	4.22	708510	6.68	371384	8.95	0828_02.D
UPPER LIMIT	1167018	4.31	1734241	4.72	1452446	7.18	761337	9.45	0828_02.D
LOWER LIMIT	281792	3.31	418756	3.72	350712	6.18	183835	8.45	0828_02.D
CLIENT ID									
01 CR49395 LCS	551711	3.81	819514	4.22	690523	6.68	357126	8.95	0828_03.D
02 CR49395 LCSD	557263	3.81	825657	4.22	699880	6.68	362851	8.95	0828_04.D
03 CR49395 BLANK	574931	3.81	863860	4.22	719770	6.68	374825	8.95	0828_09.D
04 CR49395 QC	577986	3.81	857219	4.22	707416	6.68	348316	8.95	0828_15.D
05 SB-13/MW-13 14-15FT	544607	3.81	822357	4.22	662975	6.68	316380	8.95	0828_22.D
06 DUP-4	466266	3.81	664014	4.22	458763	6.68	157222 *	8.95	0828_23.D
07 SB-14/MW-14 7'-8'	512599	3.81	769751	4.22	610480	6.68	282473	8.95	0828_24.D
08 SB-14/MW-14 9'-10'	580898	3.82	861533	4.22	702035	6.68	352851	8.95	0828_25.D
09 SB-14/MW-14 14'-15'	509440	3.82	775386	4.22	585122	6.68	236059	8.95	0828_26.D
10 CR49395 MS	549761	3.81	810179	4.22	670091	6.68	335424	8.95	0828_33.D
11 CR49395 MSD	550270	3.82	802867	4.22	672802	6.68	333405	8.95	0828_34.D
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

IS1 (PFB) = Pentafluorobenzene
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5
 IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM VIII VOA

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-11/MW-11 8-9FT 50X

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50329 50X

Sample wt/vol: 5.56 (g/mL) g Lab File ID: 0829_27.D

Level: (low/med/meth): Meth Date Received: 08/27/24

% Moisture: 19 Date Analyzed: 08/29/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 50

Soil Extract Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 100 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	610	UJ	61	610	r
74-87-3	Chloromethane	610	U	120	610	r
75-01-4	Vinyl Chloride	610	U	61	610	r
74-83-9	Bromomethane	610	U	250	610	r
75-00-3	Chloroethane	610	U	61	610	r
75-69-4	Trichlorofluoromethane	610	UJ	120	610	r
75-35-4	1,1-Dichloroethene	610	U	61	610	r
76-13-1	Trichlorotrifluoroethane	610	U	61	610	r
75-15-0	Carbon Disulfide	610	U	120	610	r
75-09-2	Methylene Chloride	1200	U	610	1200	r
67-64-1	Acetone	3100	U	610	3100	r
156-60-5	Trans-1,2-Dichloroethene	610	U	61	610	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1200	U	120	1200	r
75-34-3	1,1-Dichloroethane	610	U	120	610	r
107-13-1	Acrylonitrile	1200	U	61	1200	r
156-59-2	Cis-1,2-Dichloroethene	610	U	61	610	r
594-20-7	2,2-Dichloropropane	610	U	61	610	r
74-97-5	Bromochloromethane	610	U	61	610	r
67-66-3	Chloroform	610	U	61	610	r
56-23-5	Carbon Tetrachloride	610	U	120	610	r
109-99-9	Tetrahydrofuran (THF)	1200	U	310	1200	r
71-55-6	1,1,1-Trichloroethane	610	U	61	610	r
78-93-3	Methyl Ethyl Ketone	3100	U	610	3100	r
563-58-6	1,1-Dichloropropene	610	U	61	610	r
71-43-2	Benzene	610	U	61	610	r
107-06-2	1,2-Dichloroethane	610	U	61	610	r
79-01-6	Trichloroethene	610	U	61	610	r
74-95-3	Dibromomethane	610	U	120	610	r
78-87-5	1,2-dichloropropane	610	U	120	610	r
75-27-4	Bromodichloromethane	610	U	120	610	r
10061-01-5	cis-1,3-Dichloropropene	610	U	61	610	r
108-88-3	Toluene	610	U	61	610	r
108-10-1	4-Methyl-2-Pentanone	3100	U	610	3100	r
127-18-4	Tetrachloroethene	610	U	120	610	r
10061-02-6	trans-1,3-Dichloropropene	610	U	61	610	r
79-00-5	1,1,2-Trichloroethane	610	U	120	610	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-11/MW-11 8-9FT 50X

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50329 50X

Sample wt/vol: 5.56 (g/mL) g Lab File ID: 0829_27.D

Level: (low/med/meth): Meth Date Received: 08/27/24

% Moisture: 19 Date Analyzed: 08/29/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 50

Soil Extract Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 100 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	610	U	120	610	r
142-28-9	1,3-Dichloropropane	610	U	120	610	r
106-93-4	1,2-Dibromoethane	610	U	61	610	r
591-78-6	2-Hexanone	3100	U	610	3100	r
108-90-7	Chlorobenzene	610	U	61	610	r
100-41-4	Ethylbenzene	610	U	61	610	r
630-20-6	1,1,1,2-Tetrachloroethane	610	U	120	610	r
179601-23-1	m&p-Xylene	610	U	120	610	r
95-47-6	o-Xylene	610	U	120	610	r
100-42-5	Styrene	610	U	61	610	r
75-25-2	Bromoform	610	U	120	610	r
98-82-8	Isopropylbenzene	610	U	61	610	r
108-86-1	Bromobenzene	610	U	61	610	r
103-65-1	n-Propylbenzene	610	U	120	610	r
79-34-5	1,1,2,2-Tetrachloroethane	610	U	120	610	r
95-49-8	2-Chlorotoluene	610	U	120	610	r
108-67-8	1,3,5-Trimethylbenzene	610	U	61	610	r
96-18-4	1,2,3-Trichloropropane	610	U	61	610	r
110-57-6	trans-1,4-Dichloro-2-butene	1200	U	310	1200	r
106-43-4	4-Chlorotoluene	610	U	61	610	r
98-06-6	tert-Butylbenzene	610	U	61	610	r
95-63-6	1,2,4-Trimethylbenzene	610	U	61	610	r
135-98-8	sec-Butylbenzene	940		61	610	r
99-87-6	p-Isopropyltoluene	610	U	61	610	r
541-73-1	1,3-Dichlorobenzene	610	U	61	610	r
106-46-7	1,4-Dichlorobenzene	610	U	61	610	r
527-84-4	2-Isopropyltoluene	250		61	220	r
104-51-8	n-Butylbenzene	740		61	610	r
95-50-1	1,2-Dichlorobenzene	610	U	61	610	r
96-12-8	1,2-Dibromo-3-Chloropropane	610	U	120	610	r
87-68-3	Hexachlorobutadiene	610	UJ	61	610	r
120-82-1	1,2,4-Trichlorobenzene	610	U	120	610	r
91-20-3	Naphthalene	570		120	550	r
87-61-6	1,2,3-Trichlorobenzene	610	U	120	610	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-11/MW-11 11-12FT

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50330

Sample wt/vol: 6.34 (g/mL) g Lab File ID: 0829_26.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 22 Date Analyzed: 08/29/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.1	UJ	0.51	5.1	r
74-87-3	Chloromethane	5.1	U	1.0	5.1	r
75-01-4	Vinyl Chloride	5.1	U	0.51	5.1	r
74-83-9	Bromomethane	5.1	U	2.0	5.1	r
75-00-3	Chloroethane	5.1	U	0.51	5.1	r
75-69-4	Trichlorofluoromethane	5.1	UJ	1.0	5.1	r
75-35-4	1,1-Dichloroethene	5.1	U	0.51	5.1	r
76-13-1	Trichlorotrifluoroethane	5.1	U	0.51	5.1	r
75-15-0	Carbon Disulfide	5.1	U	1.0	5.1	r
75-09-2	Methylene Chloride	10	U	5.1	10	r
67-64-1	Acetone	40	S	5.1	25	r
156-60-5	Trans-1,2-Dichloroethene	5.1	U	0.51	5.1	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	U	1.0	10	r
75-34-3	1,1-Dichloroethane	5.1	U	1.0	5.1	r
107-13-1	Acrylonitrile	10	U	0.51	10	r
156-59-2	Cis-1,2-Dichloroethene	5.1	U	0.51	5.1	r
594-20-7	2,2-Dichloropropane	5.1	U	0.51	5.1	r
74-97-5	Bromochloromethane	5.1	U	0.51	5.1	r
67-66-3	Chloroform	5.1	U	0.51	5.1	r
56-23-5	Carbon Tetrachloride	5.1	U	1.0	5.1	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.5	10	r
71-55-6	1,1,1-Trichloroethane	5.1	U	0.51	5.1	r
78-93-3	Methyl Ethyl Ketone	25	U	5.1	25	r
563-58-6	1,1-Dichloropropene	5.1	U	0.51	5.1	r
71-43-2	Benzene	5.1	U	0.51	5.1	r
107-06-2	1,2-Dichloroethane	5.1	U	0.51	5.1	r
79-01-6	Trichloroethene	5.1	U	0.51	5.1	r
74-95-3	Dibromomethane	5.1	U	1.0	5.1	r
78-87-5	1,2-dichloropropane	5.1	U	1.0	5.1	r
75-27-4	Bromodichloromethane	5.1	U	1.0	5.1	r
10061-01-5	cis-1,3-Dichloropropene	5.1	U	0.51	5.1	r
108-88-3	Toluene	5.1	U	0.51	5.1	r
108-10-1	4-Methyl-2-Pentanone	25	U	5.1	25	r
127-18-4	Tetrachloroethene	5.1	U	1.0	5.1	r
10061-02-6	trans-1,3-Dichloropropene	5.1	U	0.51	5.1	r
79-00-5	1,1,2-Trichloroethane	5.1	U	1.0	5.1	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-11/MW-11 11-12FT

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50330

Sample wt/vol: 6.34 (g/mL) g Lab File ID: 0829_26.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 22 Date Analyzed: 08/29/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	5.1	U	1.0	5.1	r
142-28-9	1,3-Dichloropropane	5.1	U	1.0	5.1	r
106-93-4	1,2-Dibromoethane	5.1	U	0.51	5.1	r
591-78-6	2-Hexanone	25	U	5.1	25	r
108-90-7	Chlorobenzene	5.1	U	0.51	5.1	r
100-41-4	Ethylbenzene	5.1	U	0.51	5.1	r
630-20-6	1,1,1,2-Tetrachloroethane	5.1	U	1.0	5.1	r
179601-23-1	m&p-Xylene	5.1	U	1.0	5.1	r
95-47-6	o-Xylene	5.1	U	1.0	5.1	r
100-42-5	Styrene	5.1	U	0.51	5.1	r
75-25-2	Bromoform	5.1	U	1.0	5.1	r
98-82-8	Isopropylbenzene	5.1	U	0.51	5.1	r
108-86-1	Bromobenzene	5.1	U	0.51	5.1	r
103-65-1	n-Propylbenzene	5.1	U	1.0	5.1	r
79-34-5	1,1,2,2-Tetrachloroethane	5.1	U	1.0	5.1	r
95-49-8	2-Chlorotoluene	5.1	U	1.0	5.1	r
108-67-8	1,3,5-Trimethylbenzene	5.1	U	0.51	5.1	r
96-18-4	1,2,3-Trichloropropane	5.1	U	0.51	5.1	r
110-57-6	trans-1,4-Dichloro-2-butene	10	U	2.5	10	r
106-43-4	4-Chlorotoluene	5.1	U	0.51	5.1	r
98-06-6	tert-Butylbenzene	5.1	U	0.51	5.1	r
95-63-6	1,2,4-Trimethylbenzene	5.1	U	0.51	5.1	r
135-98-8	sec-Butylbenzene	5.1	U	0.51	5.1	r
99-87-6	p-Isopropyltoluene	5.1	U	0.51	5.1	r
541-73-1	1,3-Dichlorobenzene	5.1	U	0.51	5.1	r
106-46-7	1,4-Dichlorobenzene	5.1	U	0.51	5.1	r
527-84-4	2-Isopropyltoluene	5.1	U	0.51	5.1	r
104-51-8	n-Butylbenzene	5.1	U	0.51	5.1	r
95-50-1	1,2-Dichlorobenzene	5.1	U	0.51	5.1	r
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	1.0	5.1	r
87-68-3	Hexachlorobutadiene	5.1	UJ	0.51	5.1	r
120-82-1	1,2,4-Trichlorobenzene	5.1	U	1.0	5.1	r
91-20-3	Naphthalene	5.1	U	1.0	5.1	r
87-61-6	1,2,3-Trichlorobenzene	5.1	U	1.0	5.1	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-11/MW-11 14-15FT

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50331

Sample wt/vol: 5.81 (g/mL) g Lab File ID: 0828_23.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 19 Date Analyzed: 08/28/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.3	U	0.53	5.3	r
74-87-3	Chloromethane	5.3	U	1.1	5.3	r
75-01-4	Vinyl Chloride	5.3	U	0.53	5.3	r
74-83-9	Bromomethane	5.3	U	2.1	5.3	r
75-00-3	Chloroethane	5.3	U	0.53	5.3	r
75-69-4	Trichlorofluoromethane	5.3	U	1.1	5.3	r
75-35-4	1,1-Dichloroethene	5.3	U	0.53	5.3	r
76-13-1	Trichlorotrifluoroethane	5.3	U	0.53	5.3	r
75-15-0	Carbon Disulfide	5.3	U	1.1	5.3	r
75-09-2	Methylene Chloride	11	U	5.3	11	r
67-64-1	Acetone	27	U	5.3	27	r
156-60-5	Trans-1,2-Dichloroethene	5.3	U	0.53	5.3	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.3	U	1.1	5.3	r
107-13-1	Acrylonitrile	11	U	0.53	11	r
156-59-2	Cis-1,2-Dichloroethene	5.3	U	0.53	5.3	r
594-20-7	2,2-Dichloropropane	5.3	U	0.53	5.3	r
74-97-5	Bromochloromethane	5.3	U	0.53	5.3	r
67-66-3	Chloroform	5.3	U	0.53	5.3	r
56-23-5	Carbon Tetrachloride	5.3	U	1.1	5.3	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.7	11	r
71-55-6	1,1,1-Trichloroethane	5.3	U	0.53	5.3	r
78-93-3	Methyl Ethyl Ketone	27	UJ	5.3	27	r
563-58-6	1,1-Dichloropropene	5.3	U	0.53	5.3	r
71-43-2	Benzene	5.3	U	0.53	5.3	r
107-06-2	1,2-Dichloroethane	5.3	U	0.53	5.3	r
79-01-6	Trichloroethene	5.3	U	0.53	5.3	r
74-95-3	Dibromomethane	5.3	U	1.1	5.3	r
78-87-5	1,2-dichloropropane	5.3	U	1.1	5.3	r
75-27-4	Bromodichloromethane	5.3	U	1.1	5.3	r
10061-01-5	cis-1,3-Dichloropropene	5.3	U	0.53	5.3	r
108-88-3	Toluene	5.3	U	0.53	5.3	r
108-10-1	4-Methyl-2-Pentanone	27	U	5.3	27	r
127-18-4	Tetrachloroethene	5.3	U	1.1	5.3	r
10061-02-6	trans-1,3-Dichloropropene	5.3	U	0.53	5.3	r
79-00-5	1,1,2-Trichloroethane	5.3	U	1.1	5.3	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-12/MW-12 6`-7`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50332

Sample wt/vol: 6.07 (g/mL) g Lab File ID: 0828_24.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 24 Date Analyzed: 08/28/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.4	U	0.54	5.4	r
74-87-3	Chloromethane	5.4	U	1.1	5.4	r
75-01-4	Vinyl Chloride	5.4	U	0.54	5.4	r
74-83-9	Bromomethane	5.4	U	2.2	5.4	r
75-00-3	Chloroethane	5.4	U	0.54	5.4	r
75-69-4	Trichlorofluoromethane	5.4	U	1.1	5.4	r
75-35-4	1,1-Dichloroethene	5.4	U	0.54	5.4	r
76-13-1	Trichlorotrifluoroethane	5.4	U	0.54	5.4	r
75-15-0	Carbon Disulfide	5.4	U	1.1	5.4	r
75-09-2	Methylene Chloride	11	U	5.4	11	r
67-64-1	Acetone	110	S	5.4	27	r
156-60-5	Trans-1,2-Dichloroethene	5.4	U	0.54	5.4	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.4	U	1.1	5.4	r
107-13-1	Acrylonitrile	11	U	0.54	11	r
156-59-2	Cis-1,2-Dichloroethene	5.4	U	0.54	5.4	r
594-20-7	2,2-Dichloropropane	5.4	U	0.54	5.4	r
74-97-5	Bromochloromethane	5.4	U	0.54	5.4	r
67-66-3	Chloroform	5.4	U	0.54	5.4	r
56-23-5	Carbon Tetrachloride	5.4	U	1.1	5.4	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.7	11	r
71-55-6	1,1,1-Trichloroethane	5.4	U	0.54	5.4	r
78-93-3	Methyl Ethyl Ketone	27	UJ	5.4	27	r
563-58-6	1,1-Dichloropropene	5.4	U	0.54	5.4	r
71-43-2	Benzene	5.4	U	0.54	5.4	r
107-06-2	1,2-Dichloroethane	5.4	U	0.54	5.4	r
79-01-6	Trichloroethene	5.4	U	0.54	5.4	r
74-95-3	Dibromomethane	5.4	U	1.1	5.4	r
78-87-5	1,2-dichloropropane	5.4	U	1.1	5.4	r
75-27-4	Bromodichloromethane	5.4	U	1.1	5.4	r
10061-01-5	cis-1,3-Dichloropropene	5.4	U	0.54	5.4	r
108-88-3	Toluene	5.4	U	0.54	5.4	r
108-10-1	4-Methyl-2-Pentanone	27	U	5.4	27	r
127-18-4	Tetrachloroethene	5.4	U	1.1	5.4	r
10061-02-6	trans-1,3-Dichloropropene	5.4	U	0.54	5.4	r
79-00-5	1,1,2-Trichloroethane	5.4	U	1.1	5.4	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-12/MW-12 9`-10`

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50333

Sample wt/vol: 6.1 (g/mL) g Lab File ID: 0828_25.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 25 Date Analyzed: 08/28/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.5	U	0.55	5.5	r
74-87-3	Chloromethane	5.5	U	1.1	5.5	r
75-01-4	Vinyl Chloride	5.5	U	0.55	5.5	r
74-83-9	Bromomethane	5.5	U	2.2	5.5	r
75-00-3	Chloroethane	5.5	U	0.55	5.5	r
75-69-4	Trichlorofluoromethane	5.5	U	1.1	5.5	r
75-35-4	1,1-Dichloroethene	5.5	U	0.55	5.5	r
76-13-1	Trichlorotrifluoroethane	5.5	U	0.55	5.5	r
75-15-0	Carbon Disulfide	5.5	U	1.1	5.5	r
75-09-2	Methylene Chloride	11	U	5.5	11	r
67-64-1	Acetone	27	U	5.5	27	r
156-60-5	Trans-1,2-Dichloroethene	5.5	U	0.55	5.5	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.5	U	1.1	5.5	r
107-13-1	Acrylonitrile	11	U	0.55	11	r
156-59-2	Cis-1,2-Dichloroethene	5.5	U	0.55	5.5	r
594-20-7	2,2-Dichloropropane	5.5	U	0.55	5.5	r
74-97-5	Bromochloromethane	5.5	U	0.55	5.5	r
67-66-3	Chloroform	5.5	U	0.55	5.5	r
56-23-5	Carbon Tetrachloride	5.5	U	1.1	5.5	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.7	11	r
71-55-6	1,1,1-Trichloroethane	5.5	U	0.55	5.5	r
78-93-3	Methyl Ethyl Ketone	27	UJ	5.5	27	r
563-58-6	1,1-Dichloropropene	5.5	U	0.55	5.5	r
71-43-2	Benzene	5.5	U	0.55	5.5	r
107-06-2	1,2-Dichloroethane	5.5	U	0.55	5.5	r
79-01-6	Trichloroethene	5.5	U	0.55	5.5	r
74-95-3	Dibromomethane	5.5	U	1.1	5.5	r
78-87-5	1,2-dichloropropane	5.5	U	1.1	5.5	r
75-27-4	Bromodichloromethane	5.5	U	1.1	5.5	r
10061-01-5	cis-1,3-Dichloropropene	5.5	U	0.55	5.5	r
108-88-3	Toluene	5.5	U	0.55	5.5	r
108-10-1	4-Methyl-2-Pentanone	27	U	5.5	27	r
127-18-4	Tetrachloroethene	5.5	U	1.1	5.5	r
10061-02-6	trans-1,3-Dichloropropene	5.5	U	0.55	5.5	r
79-00-5	1,1,2-Trichloroethane	5.5	U	1.1	5.5	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to recovery below laboratory limit for associated matrix spike sample (CR50334), analytes Acetone and Methyl Ethyl Acetate are qualified as non-detect estimate "UJ" value for within sample.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-12/MW-12 13.5FT-15FT
SDG No.:	<u>GCR50329</u>	Lab Sample ID:	<u>CR50334</u>	
Sample wt/vol:	<u>5.55</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_22.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>08/27/24</u>	
% Moisture:	<u>22</u>	Date Analyzed:	<u>08/28/24</u>	
Instrument:	<u>CHEM18</u>	Column:	<u>RTX-VMS</u>	Dilution Factor:
				<u>1</u>
Purge Volume	<u>5000</u> (uL)	pH:	<u>n.a.</u>	Soil Aliquot Vol:
				<u>5000</u> (uL)
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.8	U	0.58	5.8	r
74-87-3	Chloromethane	5.8	U	1.2	5.8	r
75-01-4	Vinyl Chloride	5.8	U	0.58	5.8	r
74-83-9	Bromomethane	5.8	U	2.3	5.8	r
75-00-3	Chloroethane	5.8	U	0.58	5.8	r
75-69-4	Trichlorofluoromethane	5.8	U	1.2	5.8	r
75-35-4	1,1-Dichloroethene	5.8	U	0.58	5.8	r
76-13-1	Trichlorotrifluoroethane	5.8	U	0.58	5.8	r
75-15-0	Carbon Disulfide	5.8	U	1.2	5.8	r
75-09-2	Methylene Chloride	12	U	5.8	12	r
67-64-1	Acetone	29	U J	5.8	29	r
156-60-5	Trans-1,2-Dichloroethene	5.8	U	0.58	5.8	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	12	U	1.2	12	r
75-34-3	1,1-Dichloroethane	5.8	U	1.2	5.8	r
107-13-1	Acrylonitrile	12	U	0.58	12	r
156-59-2	Cis-1,2-Dichloroethene	5.8	U	0.58	5.8	r
594-20-7	2,2-Dichloropropane	5.8	U	0.58	5.8	r
74-97-5	Bromochloromethane	5.8	U	0.58	5.8	r
67-66-3	Chloroform	5.8	U	0.58	5.8	r
56-23-5	Carbon Tetrachloride	5.8	U	1.2	5.8	r
109-99-9	Tetrahydrofuran (THF)	12	U	2.9	12	r
71-55-6	1,1,1-Trichloroethane	5.8	U	0.58	5.8	r
78-93-3	Methyl Ethyl Ketone	29	U J	5.8	29	r
563-58-6	1,1-Dichloropropene	5.8	U	0.58	5.8	r
71-43-2	Benzene	5.8	U	0.58	5.8	r
107-06-2	1,2-Dichloroethane	5.8	U	0.58	5.8	r
79-01-6	Trichloroethene	5.8	U	0.58	5.8	r
74-95-3	Dibromomethane	5.8	U	1.2	5.8	r
78-87-5	1,2-dichloropropane	5.8	U	1.2	5.8	r
75-27-4	Bromodichloromethane	5.8	U	1.2	5.8	r
10061-01-5	cis-1,3-Dichloropropene	5.8	U	0.58	5.8	r
108-88-3	Toluene	5.8	U	0.58	5.8	r
108-10-1	4-Methyl-2-Pentanone	29	U	5.8	29	r
127-18-4	Tetrachloroethene	5.8	U	1.2	5.8	r
10061-02-6	trans-1,3-Dichloropropene	5.8	U	0.58	5.8	r
79-00-5	1,1,2-Trichloroethane	5.8	U	1.2	5.8	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analyte Methyl Ethyl Ketone, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration file 0828.02. Acetone is qualified as a estimate due to comparison to DUP-4 (Blind duplicate sample) being over 50%.

1 VOLATILE ORGANICS ANALYSIS DATA SHEET				CLIENT ID SB-13/MW-13 8-9FT
Client:	LABELLA	Lab:	Phoenix Env. Labs	
SDG No.:	GCR50329	Lab Sample ID:	CR50335	
Sample wt/vol:	5.45 (g/mL) g	Lab File ID:	0828_26.D	
Level: (low/med/meth):	Low	Date Received:	08/27/24	
% Moisture:	18	Date Analyzed:	08/28/24	
Instrument:	CHEM18	Column:	RTX-VMS	
Purge Volume	5000 (uL)	pH:	n.a.	
Matrix: (soil/water)	Soil	Soil Aliquot Vol:	5000 (uL)	
		CONCENTRATION UNITS: (ug/L or ug/Kg)	ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.6	U	0.56	5.6	r
74-87-3	Chloromethane	5.6	U	1.1	5.6	r
75-01-4	Vinyl Chloride	5.6	U	0.56	5.6	r
74-83-9	Bromomethane	5.6	U	2.2	5.6	r
75-00-3	Chloroethane	5.6	U	0.56	5.6	r
75-69-4	Trichlorofluoromethane	5.6	U	1.1	5.6	r
75-35-4	1,1-Dichloroethene	5.6	U	0.56	5.6	r
76-13-1	Trichlorotrifluoroethane	5.6	U	0.56	5.6	r
75-15-0	Carbon Disulfide	5.6	U	1.1	5.6	r
75-09-2	Methylene Chloride	11	U	5.6	11	r
67-64-1	Acetone	35	S J	5.6	28	r
156-60-5	Trans-1,2-Dichloroethene	5.6	U	0.56	5.6	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.6	U	1.1	5.6	r
107-13-1	Acrylonitrile	11	U	0.56	11	r
156-59-2	Cis-1,2-Dichloroethene	5.6	U	0.56	5.6	r
594-20-7	2,2-Dichloropropane	5.6	U	0.56	5.6	r
74-97-5	Bromochloromethane	5.6	U	0.56	5.6	r
67-66-3	Chloroform	5.6	U	0.56	5.6	r
56-23-5	Carbon Tetrachloride	5.6	U	1.1	5.6	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.8	11	r
71-55-6	1,1,1-Trichloroethane	5.6	U	0.56	5.6	r
78-93-3	Methyl Ethyl Ketone	28	U J	5.6	28	r
563-58-6	1,1-Dichloropropene	5.6	U	0.56	5.6	r
71-43-2	Benzene	5.6	U	0.56	5.6	r
107-06-2	1,2-Dichloroethane	5.6	U	0.56	5.6	r
79-01-6	Trichloroethene	5.6	U	0.56	5.6	r
74-95-3	Dibromomethane	5.6	U	1.1	5.6	r
78-87-5	1,2-dichloropropane	5.6	U	1.1	5.6	r
75-27-4	Bromodichloromethane	5.6	U	1.1	5.6	r
10061-01-5	cis-1,3-Dichloropropene	5.6	U	0.56	5.6	r
108-88-3	Toluene	5.6	U	0.56	5.6	r
108-10-1	4-Methyl-2-Pentanone	28	U	5.6	28	r
127-18-4	Tetrachloroethene	5.6	U	1.1	5.6	r
10061-02-6	trans-1,3-Dichloropropene	5.6	U	0.56	5.6	r
79-00-5	1,1,2-Trichloroethane	5.6	U	1.1	5.6	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-13/MW-13 11-12FT

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50336

Sample wt/vol: 6.06 (g/mL) g Lab File ID: 0828_27.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 21 Date Analyzed: 08/28/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.3	U	0.53	5.3	r
74-87-3	Chloromethane	5.3	U	1.1	5.3	r
75-01-4	Vinyl Chloride	5.3	U	0.53	5.3	r
74-83-9	Bromomethane	5.3	U	2.1	5.3	r
75-00-3	Chloroethane	5.3	U	0.53	5.3	r
75-69-4	Trichlorofluoromethane	5.3	U	1.1	5.3	r
75-35-4	1,1-Dichloroethene	5.3	U	0.53	5.3	r
76-13-1	Trichlorotrifluoroethane	5.3	U	0.53	5.3	r
75-15-0	Carbon Disulfide	5.3	U	1.1	5.3	r
75-09-2	Methylene Chloride	11	U	5.3	11	r
67-64-1	Acetone	26	U	5.3	26	r
156-60-5	Trans-1,2-Dichloroethene	5.3	U	0.53	5.3	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	11	U	1.1	11	r
75-34-3	1,1-Dichloroethane	5.3	U	1.1	5.3	r
107-13-1	Acrylonitrile	11	U	0.53	11	r
156-59-2	Cis-1,2-Dichloroethene	5.3	U	0.53	5.3	r
594-20-7	2,2-Dichloropropane	5.3	U	0.53	5.3	r
74-97-5	Bromochloromethane	5.3	U	0.53	5.3	r
67-66-3	Chloroform	5.3	U	0.53	5.3	r
56-23-5	Carbon Tetrachloride	5.3	U	1.1	5.3	r
109-99-9	Tetrahydrofuran (THF)	11	U	2.6	11	r
71-55-6	1,1,1-Trichloroethane	5.3	U	0.53	5.3	r
78-93-3	Methyl Ethyl Ketone	26	U J	5.3	26	r
563-58-6	1,1-Dichloropropene	5.3	U	0.53	5.3	r
71-43-2	Benzene	5.3	U	0.53	5.3	r
107-06-2	1,2-Dichloroethane	5.3	U	0.53	5.3	r
79-01-6	Trichloroethene	5.3	U	0.53	5.3	r
74-95-3	Dibromomethane	5.3	U	1.1	5.3	r
78-87-5	1,2-dichloropropane	5.3	U	1.1	5.3	r
75-27-4	Bromodichloromethane	5.3	U	1.1	5.3	r
10061-01-5	cis-1,3-Dichloropropene	5.3	U	0.53	5.3	r
108-88-3	Toluene	5.3	U	0.53	5.3	r
108-10-1	4-Methyl-2-Pentanone	26	U	5.3	26	r
127-18-4	Tetrachloroethene	5.3	U	1.1	5.3	r
10061-02-6	trans-1,3-Dichloropropene	5.3	U	0.53	5.3	r
79-00-5	1,1,2-Trichloroethane	5.3	U	1.1	5.3	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analyte Acetone as estimate "J" values is due to %D results above laboratory limit within associated initial calibration. Qualification of analyte Methyl Ethyl Ketone, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration file 0828.02.

1				CLIENT ID	
VOLATILE ORGANICS ANALYSIS DATA SHEET				SB-13/MW-13 14-15FT	
Client:	LABELLA	Lab:	Phoenix Env. Labs		
SDG No.:	GCR50329	Lab Sample ID:	CR50337		
Sample wt/vol:	5.89	(g/mL)	g	Lab File ID:	0828_22.D
Level: (low/med/meth):	Low	Date Received:	08/27/24		
% Moisture:	17	Date Analyzed:	08/28/24		
Instrument:	CHEM26	Column:	RTX-VMS	Dilution Factor:	1
Purge Volume	5000	(uL)	pH: n.a.	Soil Aliquot Vol:	5000 (uL)
Matrix: (soil/water)	Soil	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg			

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.1	U	0.51	5.1	r
74-87-3	Chloromethane	5.1	U	1.0	5.1	r
75-01-4	Vinyl Chloride	5.1	U	0.51	5.1	r
74-83-9	Bromomethane	5.1	U	2.0	5.1	r
75-00-3	Chloroethane	5.1	U	0.51	5.1	r
75-69-4	Trichlorofluoromethane	5.1	U	1.0	5.1	r
75-35-4	1,1-Dichloroethene	5.1	U	0.51	5.1	r
76-13-1	Trichlorotrifluoroethane	5.1	U	0.51	5.1	r
75-15-0	Carbon Disulfide	5.1	U	1.0	5.1	r
75-09-2	Methylene Chloride	10	U	5.1	10	r
67-64-1	Acetone	34	SJ	5.1	26	r
156-60-5	Trans-1,2-Dichloroethene	5.1	U	0.51	5.1	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	U	1.0	10	r
75-34-3	1,1-Dichloroethane	5.1	U	1.0	5.1	r
107-13-1	Acrylonitrile	10	U	0.51	10	r
156-59-2	Cis-1,2-Dichloroethene	5.1	U	0.51	5.1	r
594-20-7	2,2-Dichloropropane	5.1	U	0.51	5.1	r
74-97-5	Bromochloromethane	5.1	U	0.51	5.1	r
67-66-3	Chloroform	5.1	U	0.51	5.1	r
56-23-5	Carbon Tetrachloride	5.1	U	1.0	5.1	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.6	10	r
71-55-6	1,1,1-Trichloroethane	5.1	U	0.51	5.1	r
78-93-3	Methyl Ethyl Ketone	26	UJ	5.1	26	r
563-58-6	1,1-Dichloropropene	5.1	U	0.51	5.1	r
71-43-2	Benzene	5.1	U	0.51	5.1	r
107-06-2	1,2-Dichloroethane	5.1	U	0.51	5.1	r
79-01-6	Trichloroethene	5.1	U	0.51	5.1	r
74-95-3	Dibromomethane	5.1	U	1.0	5.1	r
78-87-5	1,2-dichloropropane	5.1	U	1.0	5.1	r
75-27-4	Bromodichloromethane	5.1	U	1.0	5.1	r
10061-01-5	cis-1,3-Dichloropropene	5.1	U	0.51	5.1	r
108-88-3	Toluene	5.1	U	0.51	5.1	r
108-10-1	4-Methyl-2-Pentanone	26	U	5.1	26	r
127-18-4	Tetrachloroethene	5.1	U	1.0	5.1	r
10061-02-6	trans-1,3-Dichloropropene	5.1	U	0.51	5.1	r
79-00-5	1,1,2-Trichloroethane	5.1	U	1.0	5.1	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

DUP-4

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50338

Sample wt/vol: 5.28 (g/mL) g Lab File ID: 0828_23.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 20 Date Analyzed: 08/28/24

Instrument: CHEM26 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.9	U	0.59	5.9	r
74-87-3	Chloromethane	5.9	U	1.2	5.9	r
75-01-4	Vinyl Chloride	5.9	U	0.59	5.9	r
74-83-9	Bromomethane	5.9	U	2.4	5.9	r
75-00-3	Chloroethane	5.9	U	0.59	5.9	r
75-69-4	Trichlorofluoromethane	5.9	U	1.2	5.9	r
75-35-4	1,1-Dichloroethene	5.9	U	0.59	5.9	r
76-13-1	Trichlorotrifluoroethane	5.9	U	0.59	5.9	r
75-15-0	Carbon Disulfide	5.9	U	1.2	5.9	r
75-09-2	Methylene Chloride	12	U	5.9	12	r
67-64-1	Acetone	160	SJ	5.9	30	r
156-60-5	Trans-1,2-Dichloroethene	5.9	U	0.59	5.9	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	12	U	1.2	12	r
75-34-3	1,1-Dichloroethane	5.9	U	1.2	5.9	r
107-13-1	Acrylonitrile	12	U	0.59	12	r
156-59-2	Cis-1,2-Dichloroethene	5.9	U	0.59	5.9	r
594-20-7	2,2-Dichloropropane	5.9	U	0.59	5.9	r
74-97-5	Bromochloromethane	5.9	U	0.59	5.9	r
67-66-3	Chloroform	5.9	U	0.59	5.9	r
56-23-5	Carbon Tetrachloride	5.9	U	1.2	5.9	r
109-99-9	Tetrahydrofuran (THF)	12	U	3.0	12	r
71-55-6	1,1,1-Trichloroethane	5.9	U	0.59	5.9	r
78-93-3	Methyl Ethyl Ketone	38		5.9	30	r
563-58-6	1,1-Dichloropropene	5.9	U	0.59	5.9	r
71-43-2	Benzene	5.9	U	0.59	5.9	r
107-06-2	1,2-Dichloroethane	5.9	U	0.59	5.9	r
79-01-6	Trichloroethene	5.9	U	0.59	5.9	r
74-95-3	Dibromomethane	5.9	U	1.2	5.9	r
78-87-5	1,2-dichloropropane	5.9	U	1.2	5.9	r
75-27-4	Bromodichloromethane	5.9	U	1.2	5.9	r
10061-01-5	cis-1,3-Dichloropropene	5.9	U	0.59	5.9	r
108-88-3	Toluene	5.9	U	0.59	5.9	r
108-10-1	4-Methyl-2-Pentanone	30	U	5.9	30	r
127-18-4	Tetrachloroethene	5.9	U	1.2	5.9	r
10061-02-6	trans-1,3-Dichloropropene	5.9	U	0.59	5.9	r
79-00-5	1,1,2-Trichloroethane	5.9	U	1.2	5.9	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	DUP-4
SDG No.:	<u>GCR50329</u>	Lab Sample ID:	<u>CR50338</u>	
Sample wt/vol:	<u>5.28</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_23.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>08/27/24</u>	
% Moisture:	<u>20</u>	Date Analyzed:	<u>08/28/24</u>	
Instrument:	<u>CHEM26</u>	Column:	<u>RTX-VMS</u>	Dilution Factor: <u>1</u>
Purge Volume	<u>5000</u> (uL)	pH:	<u>n.a.</u>	Soil Aliquot Vol: <u>5000</u> (uL)
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
124-48-1	Dibromochloromethane	5.9	U	1.2	5.9	r
142-28-9	1,3-Dichloropropane	5.9	U	1.2	5.9	r
106-93-4	1,2-Dibromoethane	5.9	U	0.59	5.9	r
591-78-6	2-Hexanone	30	U	5.9	30	r
108-90-7	Chlorobenzene	5.9	U	0.59	5.9	r
100-41-4	Ethylbenzene	5.9	U	0.59	5.9	r
630-20-6	1,1,1,2-Tetrachloroethane	5.9	U	1.2	5.9	r
179601-23-1	m&p-Xylene	5.9	U	1.2	5.9	r
95-47-6	o-Xylene	5.9	U	1.2	5.9	r
100-42-5	Styrene	5.9	U	0.59	5.9	r
75-25-2	Bromoform	5.9	U	1.2	5.9	r
98-82-8	Isopropylbenzene	5.9	UJ	0.59	5.9	
108-86-1	Bromobenzene	5.9	UJ	0.59	5.9	
103-65-1	n-Propylbenzene	5.9	UJ	1.2	5.9	
79-34-5	1,1,2,2-Tetrachloroethane	5.9	UJ	1.2	5.9	
95-49-8	2-Chlorotoluene	5.9	UJ	1.2	5.9	
108-67-8	1,3,5-Trimethylbenzene	5.9	UJ	0.59	5.9	
96-18-4	1,2,3-Trichloropropane	5.9	UJ	0.59	5.9	
110-57-6	trans-1,4-Dichloro-2-butene	12	UJ	3.0	12	
106-43-4	4-Chlorotoluene	5.9	UJ	0.59	5.9	
98-06-6	tert-Butylbenzene	5.9	UJ	0.59	5.9	
95-63-6	1,2,4-Trimethylbenzene	5.9	UJ	0.59	5.9	
135-98-8	sec-Butylbenzene	5.9	UJ	0.59	5.9	
99-87-6	p-Isopropyltoluene	5.9	UJ	0.59	5.9	
541-73-1	1,3-Dichlorobenzene	5.9	UJ	0.59	5.9	
106-46-7	1,4-Dichlorobenzene	5.9	UJ	0.59	5.9	
527-84-4	2-Isopropyltoluene	5.9	UJ	0.59	5.9	
104-51-8	n-Butylbenzene	5.9	UJ	0.59	5.9	
95-50-1	1,2-Dichlorobenzene	5.9	UJ	0.59	5.9	
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	UJ	1.2	5.9	
87-68-3	Hexachlorobutadiene	5.9	UJ	0.59	5.9	
120-82-1	1,2,4-Trichlorobenzene	5.9	UJ	1.2	5.9	
91-20-3	Naphthalene	5.9	UJ	1.2	5.9	
87-61-6	1,2,3-Trichlorobenzene	5.9	UJ	1.2	5.9	

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

TRIP BLANKS LL

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50343

Sample wt/vol: 5 (g/mL) g Lab File ID: 0828_11.D

Level: (low/med/meth): Low Date Received: 08/27/24

% Moisture: 0 Date Analyzed: 08/28/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 5000 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	5.0	U	0.50	5.0	r
74-87-3	Chloromethane	5.0	U	1.0	5.0	r
75-01-4	Vinyl Chloride	5.0	U	0.50	5.0	r
74-83-9	Bromomethane	5.0	U	2.0	5.0	r
75-00-3	Chloroethane	5.0	U	0.50	5.0	r
75-69-4	Trichlorofluoromethane	5.0	U	1.0	5.0	r
75-35-4	1,1-Dichloroethene	5.0	U	0.50	5.0	r
76-13-1	Trichlorotrifluoroethane	5.0	U	0.50	5.0	r
75-15-0	Carbon Disulfide	5.0	U	1.0	5.0	r
75-09-2	Methylene Chloride	10	U	5.0	10	r
67-64-1	Acetone	25	U	5.0	25	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.50	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	10	U	1.0	10	r
75-34-3	1,1-Dichloroethane	5.0	U	1.0	5.0	r
107-13-1	Acrylonitrile	10	U	0.50	10	r
156-59-2	Cis-1,2-Dichloroethene	5.0	U	0.50	5.0	r
594-20-7	2,2-Dichloropropane	5.0	U	0.50	5.0	r
74-97-5	Bromochloromethane	5.0	U	0.50	5.0	r
67-66-3	Chloroform	5.0	U	0.50	5.0	r
56-23-5	Carbon Tetrachloride	5.0	U	1.0	5.0	r
109-99-9	Tetrahydrofuran (THF)	10	U	2.5	10	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.50	5.0	r
78-93-3	Methyl Ethyl Ketone	25	UJ	5.0	25	r
563-58-6	1,1-Dichloropropene	5.0	U	0.50	5.0	r
71-43-2	Benzene	5.0	U	0.50	5.0	r
107-06-2	1,2-Dichloroethane	5.0	U	0.50	5.0	r
79-01-6	Trichloroethene	5.0	U	0.50	5.0	r
74-95-3	Dibromomethane	5.0	U	1.0	5.0	r
78-87-5	1,2-dichloropropane	5.0	U	1.0	5.0	r
75-27-4	Bromodichloromethane	5.0	U	1.0	5.0	r
10061-01-5	cis-1,3-Dichloropropene	5.0	U	0.50	5.0	r
108-88-3	Toluene	5.0	U	0.50	5.0	r
108-10-1	4-Methyl-2-Pentanone	25	U	5.0	25	r
127-18-4	Tetrachloroethene	5.0	U	1.0	5.0	r
10061-02-6	trans-1,3-Dichloropropene	5.0	U	0.50	5.0	r
79-00-5	1,1,2-Trichloroethane	5.0	U	1.0	5.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

TRIP BLANKS HL 50X

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50344 50X

Sample wt/vol: 10 (g/mL) g Lab File ID: 0828_10.D

Level: (low/med/meth): Meth Date Received: 08/27/24

% Moisture: 0 Date Analyzed: 08/28/24

Instrument: CHEM18 Column: RTX-VMS Dilution Factor: 50

Soil Extract Volume 5000 (uL) pH: n.a. Soil Aliquot Vol: 100 (uL)

Matrix: (soil/water) Soil CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	250	U	25	250	r
74-87-3	Chloromethane	250	U	50	250	r
75-01-4	Vinyl Chloride	250	U	25	250	r
74-83-9	Bromomethane	250	U	100	250	r
75-00-3	Chloroethane	250	U	25	250	r
75-69-4	Trichlorofluoromethane	250	U	50	250	r
75-35-4	1,1-Dichloroethene	250	U	25	250	r
76-13-1	Trichlorotrifluoroethane	250	U	25	250	r
75-15-0	Carbon Disulfide	250	U	50	250	r
75-09-2	Methylene Chloride	500	U	250	500	r
67-64-1	Acetone	5000	U	250	5000	r
156-60-5	Trans-1,2-Dichloroethene	250	U	25	250	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	250	U	50	250	r
75-34-3	1,1-Dichloroethane	250	U	50	250	r
107-13-1	Acrylonitrile	500	U	25	500	r
156-59-2	Cis-1,2-Dichloroethene	250	U	25	250	r
594-20-7	2,2-Dichloropropane	250	U	25	250	r
74-97-5	Bromochloromethane	250	U	25	250	r
67-66-3	Chloroform	250	U	25	250	r
56-23-5	Carbon Tetrachloride	250	U	50	250	r
109-99-9	Tetrahydrofuran (THF)	500	U	130	500	r
71-55-6	1,1,1-Trichloroethane	250	U	25	250	r
78-93-3	Methyl Ethyl Ketone	3000	U J	250	3000	r
563-58-6	1,1-Dichloropropene	250	U	25	250	r
71-43-2	Benzene	250	U	25	250	r
107-06-2	1,2-Dichloroethane	250	U	25	250	r
79-01-6	Trichloroethene	250	U	25	250	r
74-95-3	Dibromomethane	250	U	50	250	r
78-87-5	1,2-dichloropropane	250	U	50	250	r
75-27-4	Bromodichloromethane	250	U	50	250	r
10061-01-5	cis-1,3-Dichloropropene	250	U	25	250	r
108-88-3	Toluene	250	U	25	250	r
108-10-1	4-Methyl-2-Pentanone	1300	U	250	1300	r
127-18-4	Tetrachloroethene	250	U	50	250	r
10061-02-6	trans-1,3-Dichloropropene	250	U	25	250	r
79-00-5	1,1,2-Trichloroethane	250	U	50	250	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E SIM, Isotope Dilution

Lab Job ID: GCR50329

Lab ID	Field ID	Collection Date	Matrix
CR50329	SB-11/MW-11 8-9FT	8/26/2024	Soil
CR50330	SB-11/MW-11 11-12FT	8/26/2024	Soil
CR50331	SB-11/MW-11 14-15FT	8/26/2024	Soil
CR50332	SB-12/MW-12 6'-7'	8/26/2024	Soil
CR50333	SB-12/MW-12 9'-10'	8/26/2024	Soil
CR50334	SB-12/MW-12 13.5FT-15FT	8/26/2024	Soil
CR50335	SB-13/MW-13 8-9FT	8/26/2024	Soil
CR50336	SB-13/MW-13 11-12FT	8/26/2024	Soil
CR50337	SB-13/MW-13 14-15FT	8/26/2024	Soil
CR50339	SB-14/MW-14 7'-8'	8/26/2024	Soil
CR50340	SB-14/MW-14 9'-10'	8/26/2024	Soil
CR50341	SB-14/MW-14 14'-15'	8/26/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Within ICV of instrument CHEM36 compounds Hexachlorobenzene and 2-Nitrophenol were not within recommended RRF but did reach below minimum RRF value, thus no qualification is needed.
 - Several compounds did not meet %D criteria within associated CCVs led to qualification of non-detect estimate "UJ" values within samples. Within CHEM06 closing CCV 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within associate sample CR50330-CR50337.
 - Within matrix samples several compounds were outside QC limits for RPD but sample were not part sample package GCR50329 thus no qualification is needed.
 - Within laboratory control sample Hexachlorocyclopentadiene is qualified as rejected "R" values associated CR50340 and CR5341 samples due to recovery below laboratory limits within CR48036 LCS. While the other LCS had analytes with RPD above laboratory criteria, there was no need for qualification is needed.
 - While Phenanthrene-d10 was not within response limits for sample CR50329, analytes associated with the internal standard were not present. No further qualification needed.
- Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR50329



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM36 compounds Hexachlorobenzene and 2-Nitrophenol were not within recommended RRF but did reach minimum RRF value, thus no qualification is needed.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Several compounds did not meet %D criteria within associated CCVs led to qualification of non-detect estimate "UJ" values within samples. Within CHEM06 closing CCV 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within associate sample CR50330-CR50337. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?				
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				CR48036 MS, CR53735 MS AND CR51258 MS
Were MS and MSD analyzed for SDG?	x			Several compounds were outside QC limits for RPD but sample were not part sample package GCR50329 thus no qualification is needed.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		

Criteria	Y	N	NA	Comment
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Hexachlorocyclopentadiene is qualified as rejected "R" values associated CR50340 and CR5341 samples due to recovery below laboratory limits within laboratory control sample CR48036 LCS. While the other LCS had analytes with RPD above laboratory criteria, there was no need for qualification is needed. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Internal Standard				
Was area response within acceptance limits?		x		While Phenanthrene-d10 was not within response limits for sample CR50329, analytes associated with the internal standard were not present. No further qualification needed.
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			

Criteria	Y	N	NA	Comment
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure within continuous calibrations and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

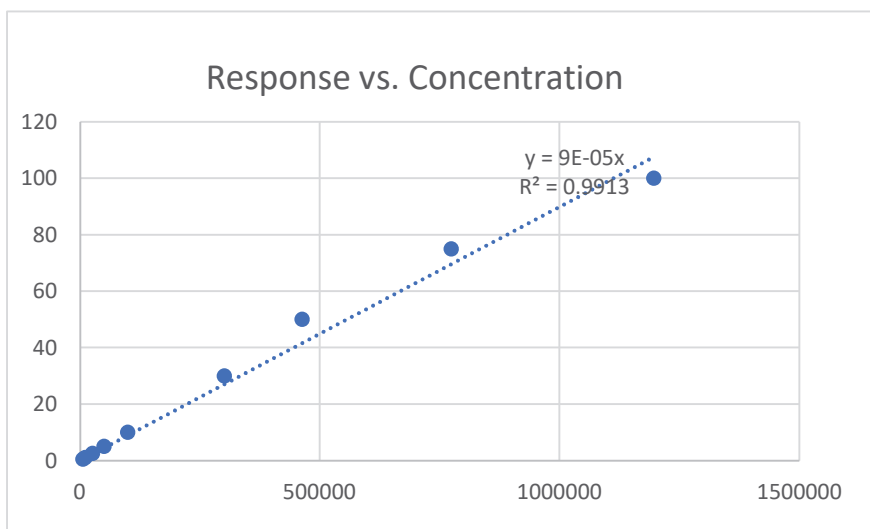
Instrument CHEM06

ICV Date and Time: 08/05/2024 23:24

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	1.555	5791	0.5
L2	1.285	10530	1
L3	1.326	25665	2.5
L4	1.420	49766	5
L5	1.410	99555	10
L6	1.448	300829	30
L7	1.532	462902	50
L8	1.554	774542	75
L9	1.471	1197024	100
average	1.445		
RSD	6.7		

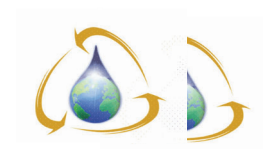


Calculation Spot Check

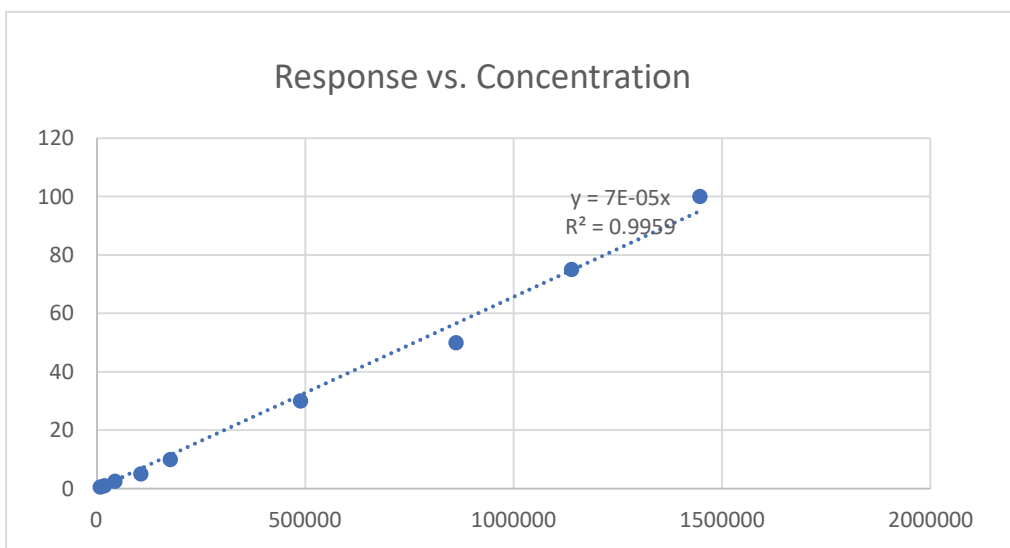
Instrument CHEM36

ICV Date and Time: 08/23/2024 13:28

Compound Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	1.744	8020	0.5
L2	1.738	17653	1
L3	1.662	42817	2.5
L4	1.738	105058	5
L5	1.748	176328	10
L6	1.687	488377	30
L7	1.697	861703	50
L8	1.620	1139463	75
L9	1.572	1446871	100
average	1.690		
RSD	3.7		



7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM06 Calibration Date: 09/04/24 Time: 17:11

Lab File Id: 0904_19.D Init. Calib. Date(s): 08/05/24 08/29/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 03:31

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0828.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4 (IS Areas & Pct)	277004	192478	n.a.	69.5	50-200
Naphthalene-d8 (IS Areas & Pct)	932418	697644	n.a.	74.8	50-200
Acenaphthene-d10 (IS Areas & Pct)	488912	372745	n.a.	76.2	50-200
Phenanthrene-d10 (IS Areas & Pct)	781243	566807	n.a.	72.6	50-200
Chrysene-d12 (IS Areas & Pct)	716963	544774	n.a.	76.0	50-200
Perylene-d12 (IS Areas & Pct)	632679	467804	n.a.	73.9	50-200
N-Nitrosodimethylamine	0.626	0.544	0.010	13.1	20 (40)
Pyridine	1.153	0.909	0.010	21.2 +	20 (40)
Phenol	1.444	1.428	0.800	1.1	20 (40)
Bis(2-chloroethyl)ether	0.811	0.724	0.700	10.7	20 (40)
Aniline	1.551	1.597	0.010	-3.0	20 (40)
2-Chlorophenol	1.343	1.322	0.800	1.6	20 (40)
1,3-Dichlorobenzene	1.510	1.419	0.010	6.0	20 (40)
1,4-Dichlorobenzene	1.545	1.484	0.010	3.9	20 (40)
1,2-Dichlorobenzene	1.405	1.398	0.010	0.5	20 (40)
2-Methylphenol (o-cresol)	1.052	0.994	0.700	5.5	20 (40)
Bis(2-chloroisopropyl)ether	1.662	1.730	0.010	-4.1	20 (40)
N-Nitrosodi-n-propylamine	0.950	0.933	0.500	1.8	20 (40)
3&4-Methylphenol (m&p-cresol)	1.216	1.220	0.600	-0.3	20 (40)
Acetophenone	1.984	1.918	0.010	3.3	20 (40)
Hexachloroethane	0.684	0.704	0.300	-2.9	20 (40)
Nitrobenzene	1.414	1.396	0.200	1.3	20 (40)
Isophorone	0.672	0.639	0.400	4.9	20 (40)
2-Nitrophenol	0.127	0.128	0.100	-0.8	20 (40)
2,4-Dimethylphenol	0.357	0.391	0.200	-9.5	20 (40)
Bis(2-chloroethoxy)methane	0.338	0.316	0.300	6.5	20 (40)
Benzoic Acid qi	30	26.05		13.2	20
2,4-Dichlorophenol	0.288	0.252	0.200	12.5	20 (40)
1,2,4-Trichlorobenzene	0.314	0.293	0.010	6.7	20 (40)
Naphthalene	1.081	1.062	0.700	1.8	20 (40)
4-Chloroaniline	0.151	0.155	0.010	-2.6	20 (40)
Hexachlorobutadiene	0.184	0.175	0.010	4.9	20 (40)
4-Chloro-3-methylphenol	0.319	0.310	0.200	2.8	20 (40)
2-Methylnaphthalene	0.717	0.678	0.400	5.4	20 (40)
Hexachlorocyclopentadiene qi	30	22.83		23.9 #	20

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM06 Calibration Date: 09/04/24 Time: 17:11

Lab File Id: 0904_19.D Init. Calib. Date(s): 08/05/24 08/29/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 03:31

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0828.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.320	0.294	0.010	8.1	20 (40)
2,4,6-Trichlorophenol	0.335	0.292	0.200	12.8	20 (40)
2,4,5-Trichlorophenol	0.379	0.332	0.200	12.4	20 (40)
2-Chloronaphthalene	1.169	1.176	0.800	-0.6	20 (40)
4-Nitroaniline	0.433	0.441	0.010	-1.8	20 (40)
Dimethylphthalate	1.375	1.421	0.010	-3.3	20 (40)
2,6-Dinitrotoluene	0.275	0.275	0.200	0.0	20 (40)
Acenaphthylene	1.875	1.903	0.900	-1.5	20 (40)
3-Nitroaniline	0.309	0.258	0.010	16.5	20 (40)
Acenaphthene	1.113	1.090	0.900	2.1	20 (40)
2,4-Dinitrophenol qi	30	22.75		24.2 #	20
Dibenzofuran	1.635	1.578	0.800	3.5	20 (40)
2,4-Dinitrotoluene	0.431	0.384	0.200	10.9	20 (40)
4-Nitrophenol qi	30	29.15		2.8	20
Diethyl phthalate	1.485	1.525	0.010	-2.7	20 (40)
Fluorene	1.473	1.459	0.900	1.0	20 (40)
4-Chlorophenyl phenyl ether qi	30	29.34		2.2	20
2-Nitroaniline	0.399	0.357	0.010	10.5	20 (40)
4,6-Dinitro-2-methylphenol qi	30	26.57		11.4	20
N-Nitrosodiphenylamine	0.937	0.930	0.010	0.7	20 (40)
Azobenzene	1.567	1.599	0.010	-2.0	20 (40)
4-Bromophenyl phenyl ether qi	30	29.90		0.3	20
Hexachlorobenzene	0.167	0.172	0.100	-3.0	20 (40)
Pentachlorophenol qi	30	22.93		23.6 #	20
Pentachloronitrobenzene qi	30	31.20		-4.0	20
Phenanthrene	1.099	1.080	0.700	1.7	20 (40)
Anthracene	1.100	1.079	0.700	1.9	20 (40)
Carbazole	1.048	0.960	0.010	8.4	20 (40)
Di-n-butylphthalate	1.450	1.583	0.010	-9.2	20 (40)
Fluoranthene	1.204	1.197	0.600	0.6	20 (40)
Pyrene	1.279	1.277	0.600	0.2	20 (40)
Benzyl butyl phthalate	0.787	0.796	0.010	-1.1	20 (40)
Bis(2-ethylhexyl)phthalate	0.942	0.929	0.010	1.4	20 (40)
Benz(a)anthracene	1.347	1.268	0.800	5.9	20 (40)
Chrysene	1.125	1.041	0.700	7.5	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment:Qualification as non-detect estimate "UJ" values within associated sample CR50330-CR50337 due to %D results above laboratory limits. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

7B

SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM06 Calibration Date: 09/05/24 Time: 02:57

Lab File Id: 0904_44.D Init. Calib. Date(s): 08/05/24 08/29/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 03:31

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0828.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
N-Nitrosodimethylamine	0.626	0.815	0.010	-30.2	50
Pyridine	1.153	1.365	0.010	-18.4	50
Phenol	1.444	1.681	0.010	-16.4	50
Bis(2-chloroethyl)ether	0.811	1.035	0.010	-27.6	50
Aniline	1.551	1.918	0.010	-23.7	50
2-Chlorophenol	1.343	1.294	0.010	3.6	50
1,3-Dichlorobenzene	1.510	1.373	0.010	9.1	50
1,4-Dichlorobenzene	1.545	1.497	0.010	3.1	50
1,2-Dichlorobenzene	1.405	1.361	0.010	3.1	50
2-Methylphenol (o-cresol)	1.052	1.066	0.010	-1.3	50
Bis(2-chloroisopropyl)ether	1.662	2.310	0.010	-39.0	50
N-Nitrosodi-n-propylamine	0.950	1.245	0.010	-31.1	50
3&4-Methylphenol (m&p-cresol)	1.216	1.449	0.010	-19.2	50
Acetophenone	1.984	2.374	0.010	-19.7	50
Hexachloroethane	0.684	0.644	0.010	5.8	50
Nitrobenzene	1.414	1.813	0.010	-28.2	50
Isophorone	0.672	0.716	0.010	-6.5	50
2-Nitrophenol	0.127	0.149	0.010	-17.3	50
2,4-Dimethylphenol	0.357	0.416	0.010	-16.5	50
Bis(2-chloroethoxy)methane	0.338	0.349	0.010	-3.3	50
Benzoic Acid qi	30	32.94		-9.8	20
2,4-Dichlorophenol	0.288	0.258	0.010	10.4	50
1,2,4-Trichlorobenzene	0.314	0.256	0.010	18.5	50
Naphthalene	1.081	1.093	0.010	-1.1	50
4-Chloroaniline	0.151	0.200	0.010	-32.5	50
Hexachlorobutadiene	0.184	0.167	0.010	9.2	50
4-Chloro-3-methylphenol	0.319	0.355	0.010	-11.3	50
2-Methylnaphthalene	0.717	0.713	0.010	0.6	50
Hexachlorocyclopentadiene qi	30	4.98		83.4 #	20
1,2,4,5-Tetrachlorobenzene	0.320	0.274	0.010	14.4	50
2,4,6-Trichlorophenol	0.335	0.287	0.010	14.3	50
2,4,5-Trichlorophenol	0.379	0.303	0.010	20.1	50
2-Chloronaphthalene	1.169	1.085	0.010	7.2	50
4-Nitroaniline	0.433	0.496	0.010	-14.5	50
Dimethylphthalate	1.375	1.295	0.010	5.8	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM06 Calibration Date: 09/05/24 Time: 02:57

Lab File Id: 0904_44.D Init. Calib. Date(s): 08/05/24 08/29/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 03:31

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0828.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.275	0.245	0.010	10.9	50
Acenaphthylene	1.875	1.860	0.010	0.8	50
3-Nitroaniline	0.309	0.322	0.010	-4.2	50
Acenaphthene	1.113	1.074	0.010	3.5	50
2,4-Dinitrophenol qi	30	3.00		90.0 #	20
Dibenzofuran	1.635	1.551	0.010	5.1	50
2,4-Dinitrotoluene	0.431	0.357	0.010	17.2	50
4-Nitrophenol qi	30	41.27		-37.6 #	20
Diethyl phthalate	1.485	1.501	0.010	-1.1	50
Fluorene	1.473	1.568	0.010	-6.4	50
4-Chlorophenyl phenyl ether qi	30	30.17		-0.6	20
2-Nitroaniline	0.399	0.637	0.010	-59.6 #	50
4,6-Dinitro-2-methylphenol qi	30	4.17		86.1 #	20
N-Nitrosodiphenylamine	0.937	0.946	0.010	-1.0	50
Azobenzene	1.567	1.813	0.010	-15.7	50
4-Bromophenyl phenyl ether qi	30	28.96		3.5	20
Hexachlorobenzene	0.167	0.190	0.010	-13.8	50
Pentachlorophenol qi	30	34.27		-14.2	20
Pentachloronitrobenzene qi	30	31.44		-4.8	20
Phenanthrene	1.099	1.089	0.010	0.9	50
Anthracene	1.100	1.087	0.010	1.2	50
Carbazole	1.048	1.011	0.010	3.5	50
Di-n-butylphthalate	1.450	1.559	0.010	-7.5	50
Fluoranthene	1.204	1.118	0.010	7.1	50
Pyrene	1.279	1.169	0.010	8.6	50
Benzyl butyl phthalate	0.787	0.748	0.010	5.0	50
Bis(2-ethylhexyl)phthalate	0.942	1.009	0.010	-7.1	50
Benz(a)anthracene	1.347	1.206	0.010	10.5	50
Chrysene	1.125	1.017	0.010	9.6	50
Di-n-octylphthalate	1.767	1.875	0.010	-6.1	50
3,3'-dichlorobenzidine	0.455	0.246	0.010	45.9	50
Benzo(b)fluoranthene	1.332	1.262	0.010	5.3	50
Benzo(k)fluoranthene	1.288	1.237	0.010	4.0	50
Benzo(a)pyrene	1.161	1.100	0.010	5.3	50
Indeno(1,2,3-cd)pyrene	1.433	1.164	0.010	18.8	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM06 Calibration Date: 09/05/24 Time: 10:27

Lab File Id: 0905_03.D Init. Calib. Date(s): 08/05/24 08/29/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 03:31

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0828.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.320	0.296	0.010	7.5	20 (40)
2,4,6-Trichlorophenol	0.335	0.304	0.200	9.3	20 (40)
2,4,5-Trichlorophenol	0.379	0.341	0.200	10.0	20 (40)
2-Chloronaphthalene	1.169	1.188	0.800	-1.6	20 (40)
4-Nitroaniline	0.433	0.406	0.010	6.2	20 (40)
Dimethylphthalate	1.375	1.395	0.010	-1.5	20 (40)
2,6-Dinitrotoluene	0.275	0.281	0.200	-2.2	20 (40)
Acenaphthylene	1.875	1.919	0.900	-2.3	20 (40)
3-Nitroaniline	0.309	0.250	0.010	19.1	20 (40)
Acenaphthene	1.113	1.080	0.900	3.0	20 (40)
2,4-Dinitrophenol qi	30	23.60		21.3 #	20
Dibenzofuran	1.635	1.574	0.800	3.7	20 (40)
2,4-Dinitrotoluene	0.431	0.400	0.200	7.2	20 (40)
4-Nitrophenol qi	30	19.30		35.7 #	20
Diethyl phthalate	1.485	1.491	0.010	-0.4	20 (40)
Fluorene	1.473	1.455	0.900	1.2	20 (40)
4-Chlorophenyl phenyl ether qi	30	29.48		1.7	20
2-Nitroaniline	0.399	0.287	0.010	28.1 +	20 (40)
4,6-Dinitro-2-methylphenol qi	30	28.40		5.3	20
N-Nitrosodiphenylamine	0.937	0.936	0.010	0.1	20 (40)
Azobenzene	1.567	1.452	0.010	7.3	20 (40)
4-Bromophenyl phenyl ether qi	30	30.80		-2.7	20
Hexachlorobenzene	0.167	0.152	0.100	9.0	20 (40)
Pentachlorophenol qi	30	25.16		16.1	20
Pentachloronitrobenzene qi	30	27.95		6.8	20
Phenanthrene	1.099	1.059	0.700	3.6	20 (40)
Anthracene	1.100	1.071	0.700	2.6	20 (40)
Carbazole	1.048	0.920	0.010	12.2	20 (40)
Di-n-butylphthalate	1.450	1.516	0.010	-4.6	20 (40)
Fluoranthene	1.204	1.192	0.600	1.0	20 (40)
Pyrene	1.279	1.244	0.600	2.7	20 (40)
Benzyl butyl phthalate	0.787	0.789	0.010	-0.3	20 (40)
Bis(2-ethylhexyl)phthalate	0.942	0.928	0.010	1.5	20 (40)
Benz(a)anthracene	1.347	1.251	0.800	7.1	20 (40)
Chrysene	1.125	1.090	0.700	3.1	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCR50329
Instrument:	CHEM06		Calibration Date:	09/05/24	Time: 10:27
Lab File Id:	0905_03.D		Init. Calib. Date(s):	08/05/24	08/29/24
Heated Purge (Y/N):	n.a.		Init. Calib. Times:	23:24	03:31
GC Column:	RXI-SVOCMS 16623		Method File: 6 SVFULL 0828.M		

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria (%) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(li) linear (li2) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM06 Calibration Date: 09/05/24 Time: 17:07

Lab File Id: 0905_14.D Init. Calib. Date(s): 08/05/24 08/29/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:24 03:31

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_0828.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.275	0.257	0.010	6.5	50
Acenaphthylene	1.875	1.914	0.010	-2.1	50
3-Nitroaniline	0.309	0.249	0.010	19.4	50
Acenaphthene	1.113	1.066	0.010	4.2	50
2,4-Dinitrophenol qi	30	22.13		26.2 #	20
Dibenzofuran	1.635	1.549	0.010	5.3	50
2,4-Dinitrotoluene	0.431	0.377	0.010	12.5	50
4-Nitrophenol qi	30	30.34		-1.1	20
Diethyl phthalate	1.485	1.543	0.010	-3.9	50
Fluorene	1.473	1.473	0.010	0.0	50
4-Chlorophenyl phenyl ether qi	30	29.32		2.3	20
2-Nitroaniline	0.399	0.327	0.010	18.0	50
4,6-Dinitro-2-methylphenol qi	30	24.71		17.6	20
N-Nitrosodiphenylamine	0.937	0.909	0.010	3.0	50
Azobenzene	1.567	1.586	0.010	-1.2	50
4-Bromophenyl phenyl ether qi	30	29.94		0.2	20
Hexachlorobenzene	0.167	0.178	0.010	-6.6	50
Pentachlorophenol qi	30	26.31		12.3	20
Pentachloronitrobenzene qi	30	30.42		-1.4	20
Phenanthrene	1.099	1.033	0.010	6.0	50
Anthracene	1.100	1.069	0.010	2.8	50
Carbazole	1.048	0.905	0.010	13.6	50
Di-n-butylphthalate	1.450	1.543	0.010	-6.4	50
Fluoranthene	1.204	1.178	0.010	2.2	50
Pyrene	1.279	1.231	0.010	3.8	50
Benzyl butyl phthalate	0.787	0.841	0.010	-6.9	50
Bis(2-ethylhexyl)phthalate	0.942	0.984	0.010	-4.5	50
Benz(a)anthracene	1.347	1.259	0.010	6.5	50
Chrysene	1.125	1.045	0.010	7.1	50
Di-n-octylphthalate	1.767	1.773	0.010	-0.3	50
3,3'-dichlorobenzidine	0.455	0.332	0.010	27.0	50
Benzo(b)fluoranthene	1.332	1.315	0.010	1.3	50
Benzo(k)fluoranthene	1.288	1.369	0.010	-6.3	50
Benzo(a)pyrene	1.161	1.193	0.010	-2.8	50
Indeno(1,2,3-cd)pyrene	1.433	1.477	0.010	-3.1	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: % of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM36 Calibration Date: 08/29/24 Time: 00:36

Lab File Id: 0828_26.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.318	0.293	0.010	7.9	20 (40)
2,4,6-Trichlorophenol	0.345	0.359	0.200	-4.1	20 (40)
2,4,5-Trichlorophenol	0.381	0.382	0.200	-0.3	20 (40)
2-Chloronaphthalene	1.128	1.184	0.800	-5.0	20 (40)
4-Nitroaniline	0.328	0.355	0.010	-8.2	20 (40)
Dimethylphthalate	1.256	1.311	0.010	-4.4	20 (40)
2,6-Dinitrotoluene	0.270	0.304	0.200	-12.6	20 (40)
Acenaphthylene	1.794	1.976	0.900	-10.1	20 (40)
3-Nitroaniline	0.296	0.292	0.010	1.4	20 (40)
Acenaphthene	1.179	1.217	0.900	-3.2	20 (40)
2,4-Dinitrophenol qi	30	35.34		-17.8	20
Dibenzofuran	1.566	1.667	0.800	-6.4	20 (40)
2,4-Dinitrotoluene qi	30	32.12		-7.1	20
4-Nitrophenol	0.239	0.244	0.010	-2.1	20 (40)
Diethyl phthalate	1.223	1.285	0.010	-5.1	20 (40)
Fluorene	1.313	1.372	0.900	-4.5	20 (40)
4-Chlorophenyl phenyl ether	0.616	0.626	0.400	-1.6	20 (40)
2-Nitroaniline qi	30	21.10		29.7 #	20
4,6-Dinitro-2-methylphenol qi	30	35.48		-18.3	20
N-Nitrosodiphenylamine	0.991	1.015	0.010	-2.4	20 (40)
Azobenzene	1.388	1.404	0.010	-1.2	20 (40)
4-Bromophenyl phenyl ether	0.208	0.207	0.100	0.5	20 (40)
Hexachlorobenzene	0.093	0.088	* 0.100	5.4	20 (40)
Pentachlorophenol qi	30	29.62		1.3	20
Pentachloronitrobenzene	0.063	0.064	0.010	-1.6	20 (40)
Phenanthrene	1.087	1.119	0.700	-2.9	20 (40)
Anthracene	1.088	1.161	0.700	-6.7	20 (40)
Carbazole	1.056	1.076	0.010	-1.9	20 (40)
Di-n-butylphthalate qi	30	31.53		-5.1	20
Fluoranthene	1.148	1.207	0.600	-5.1	20 (40)
Pyrene	1.224	1.271	0.600	-3.8	20 (40)
Benzyl butyl phthalate	0.598	0.630	0.010	-5.4	20 (40)
Bis(2-ethylhexyl)phthalate	0.852	0.912	0.010	-7.0	20 (40)
Benz(a)anthracene	1.273	1.232	0.800	3.2	20 (40)
Chrysene	1.257	1.227	0.700	2.4	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCR50329
Instrument:	CHEM36		Calibration Date:	08/29/24	Time: 00:36
Lab File Id:	0828_26.D		Init. Calib. Date(s):	08/23/24	08/23/24
Heated Purge (Y/N):	n.a.		Init. Calib. Times:	13:28	20:01
GC Column:	RXI-SVOCMS 16623		Method File:	36 SVFULL 0823.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(li) linear (li2) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

Instrument: CHEM36 Calibration Date: 08/29/24 Time: 10:54

Lab File Id: 0828_51.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.270	0.311	0.010	-15.2	50
Acenaphthylene	1.794	1.989	0.010	-10.9	50
3-Nitroaniline	0.296	0.332	0.010	-12.2	50
Acenaphthene	1.179	1.190	0.010	-0.9	50
2,4-Dinitrophenol	30	22.43		25.2 #	20
Dibenzofuran	1.566	1.674	0.010	-6.9	50
2,4-Dinitrotoluene	30	32.72		-9.1	20
4-Nitrophenol	0.239	0.249	0.010	-4.2	50
Diethyl phthalate	1.223	1.298	0.010	-6.1	50
Fluorene	1.313	1.379	0.010	-5.0	50
4-Chlorophenyl phenyl ether	0.616	0.635	0.010	-3.1	50
2-Nitroaniline	30	30.52		-1.7	20
4,6-Dinitro-2-methylphenol	30	26.42		11.9	20
N-Nitrosodiphenylamine	0.991	1.054	0.010	-6.4	50
Azobenzene	1.388	1.422	0.010	-2.4	50
4-Bromophenyl phenyl ether	0.208	0.209	0.010	-0.5	50
Hexachlorobenzene	0.093	0.091	0.010	2.2	50
Pentachlorophenol	30	31.40		-4.7	20
Pentachloronitrobenzene	0.063	0.064	0.010	-1.6	50
Phenanthrene	1.087	1.126	0.010	-3.6	50
Anthracene	1.088	1.167	0.010	-7.3	50
Carbazole	1.056	1.091	0.010	-3.3	50
Di-n-butylphthalate	30	31.70		-5.7	20
Fluoranthene	1.148	1.204	0.010	-4.9	50
Pyrene	1.224	1.263	0.010	-3.2	50
Benzyl butyl phthalate	0.598	0.660	0.010	-10.4	50
Bis(2-ethylhexyl)phthalate	0.852	0.940	0.010	-10.3	50
Benz(a)anthracene	1.273	1.261	0.010	0.9	50
Chrysene	1.257	1.228	0.010	2.3	50
Di-n-octylphthalate	1.263	1.623	0.010	-28.5	50
3,3'-dichlorobenzidine	0.406	0.343	0.010	15.5	50
Benzo(b)fluoranthene	1.237	1.243	0.010	-0.5	50
Benzo(k)fluoranthene	1.260	1.248	0.010	1.0	50
Benzo(a)pyrene	1.054	1.112	0.010	-5.5	50
Indeno(1,2,3-cd)pyrene	1.037	1.025	0.010	1.2	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM36 Calibration Date: 09/05/24 Time: 00:44

Lab File Id: 0904_24.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,2,4,5-Tetrachlorobenzene	0.318	0.281	0.010	11.6	20 (40)
2,4,6-Trichlorophenol	0.345	0.354	0.200	-2.6	20 (40)
2,4,5-Trichlorophenol	0.381	0.372	0.200	2.4	20 (40)
2-Chloronaphthalene	1.128	1.194	0.800	-5.9	20 (40)
4-Nitroaniline	0.328	0.381	0.010	-16.2	20 (40)
Dimethylphthalate	1.256	1.318	0.010	-4.9	20 (40)
2,6-Dinitrotoluene	0.270	0.300	0.200	-11.1	20 (40)
Acenaphthylene	1.794	1.972	0.900	-9.9	20 (40)
3-Nitroaniline	0.296	0.286	0.010	3.4	20 (40)
Acenaphthene	1.179	1.207	0.900	-2.4	20 (40)
2,4-Dinitrophenol qi	30	31.45		-4.8	20
Dibenzofuran	1.566	1.635	0.800	-4.4	20 (40)
2,4-Dinitrotoluene qi	30	31.78		-5.9	20
4-Nitrophenol	0.239	0.249	0.010	-4.2	20 (40)
Diethyl phthalate	1.223	1.272	0.010	-4.0	20 (40)
Fluorene	1.313	1.378	0.900	-5.0	20 (40)
4-Chlorophenyl phenyl ether	0.616	0.630	0.400	-2.3	20 (40)
2-Nitroaniline qi	30	24.22		19.3	20
4,6-Dinitro-2-methylphenol qi	30	34.58		-15.3	20
N-Nitrosodiphenylamine	0.991	1.009	0.010	-1.8	20 (40)
Azobenzene	1.388	1.474	0.010	-6.2	20 (40)
4-Bromophenyl phenyl ether	0.208	0.205	0.100	1.4	20 (40)
Hexachlorobenzene	0.093	0.090	* 0.100	3.2	20 (40)
Pentachlorophenol qi	30	22.73		24.2 #	20
Pentachloronitrobenzene	0.063	0.065	0.010	-3.2	20 (40)
Phenanthrene	1.087	1.122	0.700	-3.2	20 (40)
Anthracene	1.088	1.153	0.700	-6.0	20 (40)
Carbazole	1.056	1.038	0.010	1.7	20 (40)
Di-n-butylphthalate qi	30	31.54		-5.1	20
Fluoranthene	1.148	1.170	0.600	-1.9	20 (40)
Pyrene	1.224	1.232	0.600	-0.7	20 (40)
Benzyl butyl phthalate	0.598	0.654	0.010	-9.4	20 (40)
Bis(2-ethylhexyl)phthalate	0.852	0.930	0.010	-9.2	20 (40)
Benz(a)anthracene	1.273	1.245	0.800	2.2	20 (40)
Chrysene	1.257	1.228	0.700	2.3	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCR50329
Instrument:	CHEM36		Calibration Date:	09/05/24	Time: 00:44
Lab File Id:	0904_24.D		Init. Calib. Date(s):	08/23/24	08/23/24
Heated Purge (Y/N):	n.a.		Init. Calib. Times:	13:28	20:01
GC Column:	RXI-SVOCMS 16623		Method File:	36 SVFULL 0823.M	

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(li) linear (li2) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM36 Calibration Date: 09/05/24 Time: 11:00

Lab File Id: 0904_49.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
N-Nitrosodimethylamine	0.922	0.980	0.010	-6.3	50
Pyridine	1.622	1.673	0.010	-3.1	50
Phenol	1.689	1.768	0.010	-4.7	50
Bis(2-chloroethyl)ether	1.047	0.983	0.010	6.1	50
Aniline	2.139	2.263	0.010	-5.8	50
2-Chlorophenol	1.394	1.445	0.010	-3.7	50
1,3-Dichlorobenzene	1.585	1.513	0.010	4.5	50
1,4-Dichlorobenzene	1.619	1.542	0.010	4.8	50
1,2-Dichlorobenzene	1.520	1.472	0.010	3.2	50
2-Methylphenol (o-cresol)	1.137	1.174	0.010	-3.3	50
Bis(2-chloroisopropyl)ether	1.792	1.820	0.010	-1.6	50
N-Nitrosodi-n-propylamine	1.015	1.091	0.010	-7.5	50
3&4-Methylphenol (m&p-cresol)	1.351	1.384	0.010	-2.4	50
Acetophenone	2.011	2.023	0.010	-0.6	50
Hexachloroethane	0.584	0.514	0.010	12.0	50
Nitrobenzene	1.439	1.520	0.010	-5.6	50
Isophorone	0.688	0.682	0.010	0.9	50
2-Nitrophenol	0.061	0.065	0.010	-6.6	50
2,4-Dimethylphenol	0.323	0.330	0.010	-2.2	50
Bis(2-chloroethoxy)methane	0.433	0.418	0.010	3.5	50
Benzoic Acid qi	30	30.26		-0.9	20
2,4-Dichlorophenol	0.285	0.271	0.010	4.9	50
1,2,4-Trichlorobenzene	0.310	0.286	0.010	7.7	50
Naphthalene q	30	30.53		-1.8	20
4-Chloroaniline	0.115	0.132	0.010	-14.8	50
Hexachlorobutadiene	0.152	0.145	0.010	4.6	50
4-Chloro-3-methylphenol	0.303	0.313	0.010	-3.3	50
2-Methylnaphthalene	0.712	0.668	0.010	6.2	50
Hexachlorocyclopentadiene	0.185	0.040	0.010	78.4 #	50
1,2,4,5-Tetrachlorobenzene	0.318	0.288	0.010	9.4	50
2,4,6-Trichlorophenol	0.345	0.363	0.010	-5.2	50
2,4,5-Trichlorophenol	0.381	0.398	0.010	-4.5	50
2-Chloronaphthalene	1.128	1.190	0.010	-5.5	50
4-Nitroaniline	0.328	0.391	0.010	-19.2	50
Dimethylphthalate	1.256	1.339	0.010	-6.6	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B
SEMIVOLATILE ENDING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR50329

Instrument: CHEM36 Calibration Date: 09/05/24 Time: 11:00

Lab File Id: 0904_49.D Init. Calib. Date(s): 08/23/24 08/23/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 13:28 20:01

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0823.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
2,6-Dinitrotoluene	0.270	0.303	0.010	-12.2	50
Acenaphthylene	1.794	2.003	0.010	-11.6	50
3-Nitroaniline	0.296	0.370	0.010	-25.0	50
Acenaphthene	1.179	1.164	0.010	1.3	50
2,4-Dinitrophenol qi	30	7.84		73.9 #	20
Dibenzofuran	1.566	1.663	0.010	-6.2	50
2,4-Dinitrotoluene qi	30	32.08		-6.9	20
4-Nitrophenol	0.239	0.276	0.010	-15.5	50
Diethyl phthalate	1.223	1.306	0.010	-6.8	50
Fluorene	1.313	1.407	0.010	-7.2	50
4-Chlorophenyl phenyl ether	0.616	0.652	0.010	-5.8	50
2-Nitroaniline qi	30	42.29		-41.0 #	20
4,6-Dinitro-2-methylphenol qi	30	10.78		64.1 #	20
N-Nitrosodiphenylamine	0.991	1.073	0.010	-8.3	50
Azobenzene	1.388	1.500	0.010	-8.1	50
4-Bromophenyl phenyl ether	0.208	0.208	0.010	0.0	50
Hexachlorobenzene	0.093	0.089	0.010	4.3	50
Pentachlorophenol qi	30	28.94		3.5	20
Pentachloronitrobenzene	0.063	0.064	0.010	-1.6	50
Phenanthrene	1.087	1.115	0.010	-2.6	50
Anthracene	1.088	1.156	0.010	-6.2	50
Carbazole	1.056	1.059	0.010	-0.3	50
Di-n-butylphthalate qi	30	32.05		-6.8	20
Fluoranthene	1.148	1.230	0.010	-7.1	50
Pyrene	1.224	1.313	0.010	-7.3	50
Benzyl butyl phthalate	0.598	0.638	0.010	-6.7	50
Bis(2-ethylhexyl)phthalate	0.852	0.921	0.010	-8.1	50
Benz(a)anthracene	1.273	1.247	0.010	2.0	50
Chrysene	1.257	1.237	0.010	1.6	50
Di-n-octylphthalate	1.263	1.646	0.010	-30.3	50
3,3'-dichlorobenzidine	0.406	0.326	0.010	19.7	50
Benzo(b)fluoranthene	1.237	1.226	0.010	0.9	50
Benzo(k)fluoranthene	1.260	1.267	0.010	-0.6	50
Benzo(a)pyrene	1.054	1.112	0.010	-5.5	50
Indeno(1,2,3-cd)pyrene	1.037	1.112	0.010	-7.2	50

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

Reviewer Comment: Hexachlorocyclopentadiene is qualified within samples are associated with CR50340 and CR503 as rejected "R" values due to recovery below laboratory limits.

3D
SOIL SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR50329

LCS Spike - Client Id: CR48036 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.		
Bis(2-chloroethoxy)methane	3333	0.0	2152	65	30	130	
Benzoic Acid	3333	0.0	2671	80	30	130	
2,4-Dichlorophenol	3333	0.0	2285	69	30	130	
1,2,4-Trichlorobenzene	3333	0.0	1749	52	30	130	
Naphthalene	3333	0.0	1919	58	30	130	
4-Chloroaniline	3333	0.0	2274	68	30	130	
Hexachlorobutadiene	3333	0.0	1677	50	30	130	
4-Chloro-3-methylphenol	3333	0.0	2516	75	30	130	
2-Methylnaphthalene	3333	0.0	1992	60	30	130	
Hexachlorocyclopentadiene	3333	0.0	258.1	8 *	30	130	
1,2,4,5-Tetrachlorobenzene	3333	0.0	1728	52	30	130	
2,4,6-Trichlorophenol	3333	0.0	2357	71	30	130	
2,4,5-Trichlorophenol	3333	0.0	2235	67	30	130	
2-Chloronaphthalene	3333	0.0	2081	62	30	130	
4-Nitroaniline	3333	0.0	2534	76	30	130	
Dimethylphthalate	3333	0.0	2371	71	30	130	
2,6-Dinitrotoluene	3333	0.0	2580	77	30	130	
Acenaphthylene	3333	0.0	1923	58	30	130	
3-Nitroaniline	3333	0.0	2957	89	30	130	
COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Bis(2-chloroethoxy)methane	3333	1935	58	11.4		30	130
Benzoic Acid	3333	1875	56	35.3	*	30	130
2,4-Dichlorophenol	3333	1993	60	14.0		30	130
1,2,4-Trichlorobenzene	3333	1800	54	3.8		30	130
Naphthalene	3333	1859	56	3.5		30	130
4-Chloroaniline	3333	1920	58	15.9		30	130
Hexachlorobutadiene	3333	1820	55	9.5		30	130
4-Chloro-3-methylphenol	3333	2120	64	15.8		30	130
2-Methylnaphthalene	3333	1897	57	5.1		30	130
Hexachlorocyclopentadiene	3333	1536	46	142.6	*	30	130
1,2,4,5-Tetrachlorobenzene	3333	1702	51	1.9		30	130
2,4,6-Trichlorophenol	3333	2134	64	10.4		30	130
2,4,5-Trichlorophenol	3333	2033	61	9.4		30	130
2-Chloronaphthalene	3333	2008	60	3.3		30	130
4-Nitroaniline	3333	2181	65	15.6		30	130
Dimethylphthalate	3333	2057	62	13.5		30	130
2,6-Dinitrotoluene	3333	2319	70	9.5		30	130
Acenaphthylene	3333	1830	55	5.3		30	130
3-Nitroaniline	3333	2483	74	18.4		30	130

FORM III SV

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-11/MW-11 8-9FT 10X
SDG No.:	GCR50329	Lab Sample ID:	CR50329 10X	
Sample wt/vol:	15.19 (g/mL) g	Lab File ID:	0905_10.D	
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/27/24	
% Moisture:	19	Date Extracted:	09/04/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
				10
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	2800	U	1100	2800	r
99-09-2	3-Nitroaniline	4100	U	1600	4100	r
83-32-9	Acenaphthene	2800	U	1200	2800	r
51-28-5	2,4-Dinitrophenol	4100	U,J	2000	4100	r
132-64-9	Dibenzofuran	2800	U	1200	2800	r
121-14-2	2,4-Dinitrotoluene	2800	U	1600	2800	r
100-02-7	4-Nitrophenol	2800	U,J	810	2800	r
84-66-2	Diethyl phthalate	2800	U	1300	2800	r
86-73-7	Fluorene	2800	U	1300	2800	r
7005-72-3	4-Chlorophenyl phenyl ether	2800	U	1400	2800	r
88-74-4	2-Nitroaniline	4100	U,J	1600	4100	r
534-52-1	4,6-Dinitro-2-methylphenol	4100	U	1600	4100	r
86-30-6	N-Nitrosodiphenylamine	4100	U	1600	4100	r
122-66-7	Azobenzene	4100	U	1600	4100	r
101-55-3	4-Bromophenyl phenyl ether	4100	U	1200	4100	r
118-74-1	Hexachlorobenzene	2800	U	1200	2800	r
87-86-5	Pentachlorophenol	4100	U	1500	4100	r
82-68-8	Pentachloronitrobenzene	4100	U	1200	4100	r
85-01-8	Phenanthrene	2800	U	1200	2800	r
120-12-7	Anthracene	2800	U	1300	2800	r
86-74-8	Carbazole	4100	U	1600	4100	r
84-74-2	Di-n-butylphthalate	4100	U	1600	4100	r
206-44-0	Fluoranthene	2800	U	1300	2800	r
92-87-5	Benzidine	2800	U	1600	2800	r
129-00-0	Pyrene	2800	U	1400	2800	r
85-68-7	Benzyl butyl phthalate	2800	U	1000	2800	r
117-81-7	Bis(2-ethylhexyl)phthalate	4100	U	1200	4100	r
56-55-3	Benz(a)anthracene	2800	U	1400	2800	r
218-01-9	Chrysene	2800	U	1400	2800	r
117-84-0	Di-n-octylphthalate	2800	U	1000	2800	r
91-94-1	3,3'-dichlorobenzidine	2800	U,J	1900	2800	r
205-99-2	Benzo(b)fluoranthene	2800	U	1400	2800	r
207-08-9	Benzo(k)fluoranthene	2800	U	1300	2800	r
50-32-8	Benzo(a)pyrene	2800	U	1300	2800	r
193-39-5	Indeno(1,2,3-cd)pyrene	2800	U	1300	2800	r
53-70-3	Dibenz(a,h)anthracene	2800	U	1300	2800	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET				CLIENT ID	
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR50329		Lab Sample ID:	CR50330	
Sample wt/vol:	15.13	(g/mL) g	Lab File ID:	0904_27.D	
Concentrated Extract Volume:	1000	(uL)	Date Received:	08/27/24	
% Moisture:	22		Date Extracted:	09/04/24	
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	09/04/24	
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1	
Matrix: (soil/water)	Soil		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	420	U	120	420	r
110-86-1	Pyridine	420	U J	100	420	r
108-95-2	Phenol	300	U	140	300	r
111-44-4	Bis(2-chloroethyl)ether	420	U	110	420	r
62-53-3	Aniline	420	U	170	420	r
95-57-8	2-Chlorophenol	300	U	120	300	r
541-73-1	1,3-Dichlorobenzene	300	U	130	300	r
106-46-7	1,4-Dichlorobenzene	300	U	130	300	r
95-50-1	1,2-Dichlorobenzene	300	U	120	300	r
95-48-7	2-Methylphenol (o-cresol)	300	U	170	300	r
108-60-1	Bis(2-chloroisopropyl)ether	300	U	120	300	r
621-64-7	N-Nitrosodi-n-propylamine	300	U	140	300	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	420	U	170	420	r
98-86-2	Acetophenone	300	U	130	300	r
67-72-1	Hexachloroethane	300	U	130	300	r
98-95-3	Nitrobenzene	300	U	150	300	r
78-59-1	Isophorone	300	U	120	300	r
88-75-5	2-Nitrophenol	300	U	170	300	r
105-67-9	2,4-Dimethylphenol	300	U	110	300	r
111-91-1	Bis(2-chloroethoxy)methane	300	U	120	300	r
65-85-0	Benzoic Acid	850	U	170	850	r
120-83-2	2,4-Dichlorophenol	300	U	150	300	r
120-82-1	1,2,4-Trichlorobenzene	300	U	130	300	r
91-20-3	Naphthalene	300	U	120	300	r
106-47-8	4-Chloroaniline	300	U	170	300	r
87-68-3	Hexachlorobutadiene	300	U	150	300	r
59-50-7	4-Chloro-3-methylphenol	300	U	150	300	r
91-57-6	2-Methylnaphthalene	300	U	130	300	r
77-47-4	Hexachlorocyclopentadiene	300	U J	130	300	r
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	100	300	r
88-06-2	2,4,6-Trichlorophenol	300	U	140	300	r
95-95-4	2,4,5-Trichlorophenol	300	U	110	300	r
91-58-7	2-Chloronaphthalene	300	U	120	300	r
100-01-6	4-Nitroaniline	680	U	140	680	r
131-11-3	Dimethylphthalate	300	U	130	300	r
606-20-2	2,6-Dinitrotoluene	300	U	130	300	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-11/MW-11 11-12FT
SDG No.:	GCR50329	Lab Sample ID:	CR50330	
Sample wt/vol:	15.13 (g/mL)	g	Lab File ID:	0904_27.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	22		Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	09/04/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	300	U	120	300	r
99-09-2	3-Nitroaniline	420	U	170	420	r
83-32-9	Acenaphthene	300	U	130	300	r
51-28-5	2,4-Dinitrophenol	420	U R	210	420	r
132-64-9	Dibenzofuran	300	U	120	300	r
121-14-2	2,4-Dinitrotoluene	300	U	170	300	r
100-02-7	4-Nitrophenol	300	U J	85	300	r
84-66-2	Diethyl phthalate	300	U	130	300	r
86-73-7	Fluorene	300	U	140	300	r
7005-72-3	4-Chlorophenyl phenyl ether	300	U	140	300	r
88-74-4	2-Nitroaniline	420	U J	170	420	r
534-52-1	4,6-Dinitro-2-methylphenol	420	U J	170	420	r
86-30-6	N-Nitrosodiphenylamine	420	U	160	420	r
122-66-7	Azobenzene	420	U	170	420	r
101-55-3	4-Bromophenyl phenyl ether	420	U	120	420	r
118-74-1	Hexachlorobenzene	300	U	120	300	r
87-86-5	Pentachlorophenol	420	U	160	420	r
82-68-8	Pentachloronitrobenzene	420	U	130	420	r
85-01-8	Phenanthrene	300	U	120	300	r
120-12-7	Anthracene	300	U	140	300	r
86-74-8	Carbazole	420	U	170	420	r
84-74-2	Di-n-butylphthalate	420	U	170	420	r
206-44-0	Fluoranthene	300	U	140	300	r
92-87-5	Benzidine	300	U	170	300	r
129-00-0	Pyrene	300	U	150	300	r
85-68-7	Benzyl butyl phthalate	300	U	110	300	r
117-81-7	Bis(2-ethylhexyl)phthalate	420	U	120	420	r
56-55-3	Benz(a)anthracene	300	U	140	300	r
218-01-9	Chrysene	300	U	140	300	r
117-84-0	Di-n-octylphthalate	300	U	110	300	r
91-94-1	3,3'-dichlorobenzidine	300	U	200	300	r
205-99-2	Benzo(b)fluoranthene	300	U	140	300	r
207-08-9	Benzo(k)fluoranthene	300	U	140	300	r
50-32-8	Benzo(a)pyrene	300	U	140	300	r
193-39-5	Indeno(1,2,3-cd)pyrene	300	U	140	300	r
53-70-3	Dibenz(a,h)anthracene	300	U	140	300	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT ID SB-11/MW-11 14-15FT			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR50329	Lab Sample ID:	CR50331
Sample wt/vol:	15.26 (g/mL) g	Lab File ID:	0904_28.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/27/24
% Moisture:	19	Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed: 09/04/24
GPC Cleanup:(Y/N)	N	pH: 	Dilution Factor: 1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U J	100	400	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	U	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	130	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	100	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	810	U	160	810	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	120	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	150	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U J	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	97	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	110	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	650	U	140	650	r
131-11-3	Dimethylphthalate	280	U	130	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-11/MW-11 14-15FT
SDG No.:	GCR50329	Lab Sample ID:	CR50331	
Sample wt/vol:	15.26 (g/mL)	g	Lab File ID:	0904_28.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	19		Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	U	200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U	81	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	140	280	r
88-74-4	2-Nitroaniline	400	U	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	U	160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	160	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	120	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	120	400	r
56-55-3	Benz(a)anthracene	280	U	140	280	r
218-01-9	Chrysene	280	U	140	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT ID SB-12/MW-12 6`-7`			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR50329	Lab Sample ID:	CR50332
Sample wt/vol:	15.11 (g/mL) g	Lab File ID:	0904_39.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/27/24
% Moisture:	24	Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed: 09/05/24
GPC Cleanup:(Y/N)	N	pH: 	Dilution Factor: 1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	440	U	120	440	r
110-86-1	Pyridine	440	U J	110	440	r
108-95-2	Phenol	300	U	140	300	r
111-44-4	Bis(2-chloroethyl)ether	440	U	120	440	r
62-53-3	Aniline	440	U	170	440	r
95-57-8	2-Chlorophenol	300	U	120	300	r
541-73-1	1,3-Dichlorobenzene	300	U	130	300	r
106-46-7	1,4-Dichlorobenzene	300	U	130	300	r
95-50-1	1,2-Dichlorobenzene	300	U	120	300	r
95-48-7	2-Methylphenol (o-cresol)	300	U	170	300	r
108-60-1	Bis(2-chloroisopropyl)ether	300	U	120	300	r
621-64-7	N-Nitrosodi-n-propylamine	300	U	140	300	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	440	U	170	440	r
98-86-2	Acetophenone	300	U	140	300	r
67-72-1	Hexachloroethane	300	U	130	300	r
98-95-3	Nitrobenzene	300	U	150	300	r
78-59-1	Isophorone	300	U	120	300	r
88-75-5	2-Nitrophenol	300	U	170	300	r
105-67-9	2,4-Dimethylphenol	300	U	110	300	r
111-91-1	Bis(2-chloroethoxy)methane	300	U	120	300	r
65-85-0	Benzoic Acid	870	U	170	870	r
120-83-2	2,4-Dichlorophenol	300	U	150	300	r
120-82-1	1,2,4-Trichlorobenzene	300	U	130	300	r
91-20-3	Naphthalene	300	U	130	300	r
106-47-8	4-Chloroaniline	300	U	170	300	r
87-68-3	Hexachlorobutadiene	300	U	160	300	r
59-50-7	4-Chloro-3-methylphenol	300	U	150	300	r
91-57-6	2-Methylnaphthalene	300	U	130	300	r
77-47-4	Hexachlorocyclopentadiene	300	U J	130	300	r
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	100	300	r
88-06-2	2,4,6-Trichlorophenol	300	U	140	300	r
95-95-4	2,4,5-Trichlorophenol	300	U	110	300	r
91-58-7	2-Chloronaphthalene	300	U	120	300	r
100-01-6	4-Nitroaniline	700	U	150	700	r
131-11-3	Dimethylphthalate	300	U	130	300	r
606-20-2	2,6-Dinitrotoluene	300	U	140	300	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-12/MW-12 6'-7'
SDG No.:	GCR50329	Lab Sample ID:	CR50332	
Sample wt/vol:	15.11 (g/mL)	g	Lab File ID:	0904_39.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	24		Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	09/05/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	300	U	120	300	r
99-09-2	3-Nitroaniline	440	U	170	440	r
83-32-9	Acenaphthene	300	U	130	300	r
51-28-5	2,4-Dinitrophenol	440	U R	220	440	r
132-64-9	Dibenzofuran	300	U	130	300	r
121-14-2	2,4-Dinitrotoluene	300	U	170	300	r
100-02-7	4-Nitrophenol	300	U J	87	300	r
84-66-2	Diethyl phthalate	300	U	140	300	r
86-73-7	Fluorene	300	U	140	300	r
7005-72-3	4-Chlorophenyl phenyl ether	300	U	150	300	r
88-74-4	2-Nitroaniline	440	U J	170	440	r
534-52-1	4,6-Dinitro-2-methylphenol	440	U J	170	440	r
86-30-6	N-Nitrosodiphenylamine	440	U	170	440	r
122-66-7	Azobenzene	440	U	170	440	r
101-55-3	4-Bromophenyl phenyl ether	440	U	130	440	r
118-74-1	Hexachlorobenzene	300	U	130	300	r
87-86-5	Pentachlorophenol	440	U	160	440	r
82-68-8	Pentachloronitrobenzene	440	U	130	440	r
85-01-8	Phenanthrene	300	U	120	300	r
120-12-7	Anthracene	300	U	140	300	r
86-74-8	Carbazole	440	U	170	440	r
84-74-2	Di-n-butylphthalate	440	U	170	440	r
206-44-0	Fluoranthene	390		140	300	r
92-87-5	Benzidine	300	U	170	300	r
129-00-0	Pyrene	300	U	150	300	r
85-68-7	Benzyl butyl phthalate	300	U	110	300	r
117-81-7	Bis(2-ethylhexyl)phthalate	440	U	130	440	r
56-55-3	Benz(a)anthracene	300	U	150	300	r
218-01-9	Chrysene	300	U	150	300	r
117-84-0	Di-n-octylphthalate	300	U	110	300	r
91-94-1	3,3'-dichlorobenzidine	300	U	210	300	r
205-99-2	Benzo(b)fluoranthene	320		150	300	r
207-08-9	Benzo(k)fluoranthene	300	U	140	300	r
50-32-8	Benzo(a)pyrene	300	U	140	300	r
193-39-5	Indeno(1,2,3-cd)pyrene	300	U	140	300	r
53-70-3	Dibenz(a,h)anthracene	300	U	140	300	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1 CLIENT ID SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET SB-12/MW-12 9'-10'			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR50329	Lab Sample ID:	CR50333
Sample wt/vol:	15.27 (g/mL) g	Lab File ID:	0904_29.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/27/24
% Moisture:	25	Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed: 09/04/24
GPC Cleanup:(Y/N)	N	pH: 	Dilution Factor: 1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	440	U	120	440	r
110-86-1	Pyridine	440	UJ	110	440	r
108-95-2	Phenol	310	U	140	310	r
111-44-4	Bis(2-chloroethyl)ether	440	U	120	440	r
62-53-3	Aniline	440	U	170	440	r
95-57-8	2-Chlorophenol	310	U	120	310	r
541-73-1	1,3-Dichlorobenzene	310	U	130	310	r
106-46-7	1,4-Dichlorobenzene	310	U	130	310	r
95-50-1	1,2-Dichlorobenzene	310	U	120	310	r
95-48-7	2-Methylphenol (o-cresol)	310	U	170	310	r
108-60-1	Bis(2-chloroisopropyl)ether	310	U	120	310	r
621-64-7	N-Nitrosodi-n-propylamine	310	U	140	310	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	440	U	170	440	r
98-86-2	Acetophenone	310	U	140	310	r
67-72-1	Hexachloroethane	310	U	130	310	r
98-95-3	Nitrobenzene	310	U	150	310	r
78-59-1	Isophorone	310	U	120	310	r
88-75-5	2-Nitrophenol	310	U	170	310	r
105-67-9	2,4-Dimethylphenol	310	U	110	310	r
111-91-1	Bis(2-chloroethoxy)methane	310	U	120	310	r
65-85-0	Benzoic Acid	870	U	170	870	r
120-83-2	2,4-Dichlorophenol	310	U	150	310	r
120-82-1	1,2,4-Trichlorobenzene	310	U	130	310	r
91-20-3	Naphthalene	310	U	130	310	r
106-47-8	4-Chloroaniline	310	U	170	310	r
87-68-3	Hexachlorobutadiene	310	U	160	310	r
59-50-7	4-Chloro-3-methylphenol	310	U	150	310	r
91-57-6	2-Methylnaphthalene	310	U	130	310	r
77-47-4	Hexachlorocyclopentadiene	310	UJ	130	310	r
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	100	310	r
88-06-2	2,4,6-Trichlorophenol	310	U	140	310	r
95-95-4	2,4,5-Trichlorophenol	310	U	110	310	r
91-58-7	2-Chloronaphthalene	310	U	120	310	r
100-01-6	4-Nitroaniline	700	U	150	700	r
131-11-3	Dimethylphthalate	310	U	140	310	r
606-20-2	2,6-Dinitrotoluene	310	U	140	310	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-12/MW-12 9'-10'
SDG No.:	GCR50329	Lab Sample ID:	CR50333	
Sample wt/vol:	15.27 (g/mL)	g	Lab File ID:	0904_29.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	25		Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	09/04/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	310	U	120	310	r
99-09-2	3-Nitroaniline	440	U	170	440	r
83-32-9	Acenaphthene	310	U	130	310	r
51-28-5	2,4-Dinitrophenol	440	U	220	440	r
132-64-9	Dibenzofuran	310	U	130	310	r
121-14-2	2,4-Dinitrotoluene	310	U	170	310	r
100-02-7	4-Nitrophenol	310	U	87	310	r
84-66-2	Diethyl phthalate	310	U	140	310	r
86-73-7	Fluorene	310	U	140	310	r
7005-72-3	4-Chlorophenyl phenyl ether	310	U	150	310	r
88-74-4	2-Nitroaniline	440	U	170	440	r
534-52-1	4,6-Dinitro-2-methylphenol	440	U	170	440	r
86-30-6	N-Nitrosodiphenylamine	440	U	170	440	r
122-66-7	Azobenzene	440	U	170	440	r
101-55-3	4-Bromophenyl phenyl ether	440	U	130	440	r
118-74-1	Hexachlorobenzene	310	U	130	310	r
87-86-5	Pentachlorophenol	440	U	170	440	r
82-68-8	Pentachloronitrobenzene	440	U	130	440	r
85-01-8	Phenanthrene	310	U	120	310	r
120-12-7	Anthracene	310	U	140	310	r
86-74-8	Carbazole	440	U	170	440	r
84-74-2	Di-n-butylphthalate	440	U	170	440	r
206-44-0	Fluoranthene	310	U	140	310	r
92-87-5	Benzidine	310	U	170	310	r
129-00-0	Pyrene	310	U	150	310	r
85-68-7	Benzyl butyl phthalate	310	U	110	310	r
117-81-7	Bis(2-ethylhexyl)phthalate	440	U	130	440	r
56-55-3	Benz(a)anthracene	310	U	150	310	r
218-01-9	Chrysene	310	U	150	310	r
117-84-0	Di-n-octylphthalate	310	U	110	310	r
91-94-1	3,3'-dichlorobenzidine	310	U	210	310	r
205-99-2	Benzo(b)fluoranthene	310	U	150	310	r
207-08-9	Benzo(k)fluoranthene	310	U	140	310	r
50-32-8	Benzo(a)pyrene	310	U	140	310	r
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	140	310	r
53-70-3	Dibenz(a,h)anthracene	310	U	140	310	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT ID SB-12/MW-12 13.5FT-15FT			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR50329	Lab Sample ID:	CR50334
Sample wt/vol:	15.23 (g/mL) g	Lab File ID:	0904_30.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/27/24
% Moisture:	22	Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed: 09/04/24
GPC Cleanup:(Y/N)	N	pH: 	Dilution Factor: 1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	420	U	120	420	r
110-86-1	Pyridine	420	UJ	100	420	r
108-95-2	Phenol	290	U	130	290	r
111-44-4	Bis(2-chloroethyl)ether	420	U	110	420	r
62-53-3	Aniline	420	U	170	420	r
95-57-8	2-Chlorophenol	290	U	120	290	r
541-73-1	1,3-Dichlorobenzene	290	U	120	290	r
106-46-7	1,4-Dichlorobenzene	290	U	120	290	r
95-50-1	1,2-Dichlorobenzene	290	U	120	290	r
95-48-7	2-Methylphenol (o-cresol)	290	U	170	290	r
108-60-1	Bis(2-chloroisopropyl)ether	290	U	120	290	r
621-64-7	N-Nitrosodi-n-propylamine	290	U	140	290	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	420	U	170	420	r
98-86-2	Acetophenone	290	U	130	290	r
67-72-1	Hexachloroethane	290	U	130	290	r
98-95-3	Nitrobenzene	290	U	150	290	r
78-59-1	Isophorone	290	U	120	290	r
88-75-5	2-Nitrophenol	290	U	170	290	r
105-67-9	2,4-Dimethylphenol	290	U	100	290	r
111-91-1	Bis(2-chloroethoxy)methane	290	U	120	290	r
65-85-0	Benzoic Acid	840	U	170	840	r
120-83-2	2,4-Dichlorophenol	290	U	150	290	r
120-82-1	1,2,4-Trichlorobenzene	290	U	130	290	r
91-20-3	Naphthalene	290	U	120	290	r
106-47-8	4-Chloroaniline	290	U	170	290	r
87-68-3	Hexachlorobutadiene	290	U	150	290	r
59-50-7	4-Chloro-3-methylphenol	290	U	150	290	r
91-57-6	2-Methylnaphthalene	290	U	130	290	r
77-47-4	Hexachlorocyclopentadiene	290	UJ	130	290	r
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	100	290	r
88-06-2	2,4,6-Trichlorophenol	290	U	130	290	r
95-95-4	2,4,5-Trichlorophenol	290	U	110	290	r
91-58-7	2-Chloronaphthalene	290	U	120	290	r
100-01-6	4-Nitroaniline	670	U	140	670	r
131-11-3	Dimethylphthalate	290	U	130	290	r
606-20-2	2,6-Dinitrotoluene	290	U	130	290	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

SB-12/MW-12 13.5FT-15FT

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR50329 Lab Sample ID: CR50334

Sample wt/vol: 15.23 (g/mL) g Lab File ID: 0904_30.D

Concentrated Extract Volume: 1000 (uL) Date Received: 08/27/24

% Moisture: 22 Date Extracted: 09/04/24

Instrument: CHEM06 Inj. Vol. 1.0 (uL) Date Analyzed: 09/04/24

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Soil CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	290	U	120	290	r
99-09-2	3-Nitroaniline	420	U	170	420	r
83-32-9	Acenaphthene	290	U	130	290	r
51-28-5	2,4-Dinitrophenol	420	U R	210	420	r
132-64-9	Dibenzofuran	290	U	120	290	r
121-14-2	2,4-Dinitrotoluene	290	U	170	290	r
100-02-7	4-Nitrophenol	290	UJ	84	290	r
84-66-2	Diethyl phthalate	290	U	130	290	r
86-73-7	Fluorene	290	U	140	290	r
7005-72-3	4-Chlorophenyl phenyl ether	290	U	140	290	r
88-74-4	2-Nitroaniline	420	UJ	170	420	r
534-52-1	4,6-Dinitro-2-methylphenol	420	UJ	170	420	r
86-30-6	N-Nitrosodiphenylamine	420	U	160	420	r
122-66-7	Azobenzene	420	U	170	420	r
101-55-3	4-Bromophenyl phenyl ether	420	U	120	420	r
118-74-1	Hexachlorobenzene	290	U	120	290	r
87-86-5	Pentachlorophenol	420	U	160	420	r
82-68-8	Pentachloronitrobenzene	420	U	130	420	r
85-01-8	Phenanthrene	290	U	120	290	r
120-12-7	Anthracene	290	U	140	290	r
86-74-8	Carbazole	420	U	170	420	r
84-74-2	Di-n-butylphthalate	420	U	170	420	r
206-44-0	Fluoranthene	290	U	140	290	r
92-87-5	Benzidine	290	U	170	290	r
129-00-0	Pyrene	290	U	140	290	r
85-68-7	Benzyl butyl phthalate	290	U	110	290	r
117-81-7	Bis(2-ethylhexyl)phthalate	420	U	120	420	r
56-55-3	Benz(a)anthracene	290	U	140	290	r
218-01-9	Chrysene	290	U	140	290	r
117-84-0	Di-n-octylphthalate	290	U	110	290	r
91-94-1	3,3'-dichlorobenzidine	290	U	200	290	r
205-99-2	Benzo(b)fluoranthene	290	U	140	290	r
207-08-9	Benzo(k)fluoranthene	290	U	140	290	r
50-32-8	Benzo(a)pyrene	290	U	140	290	r
193-39-5	Indeno(1,2,3-cd)pyrene	290	U	140	290	r
53-70-3	Dibenz(a,h)anthracene	290	U	140	290	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1

CLIENT ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-13/MW-13 8-9FT
SDG No.:	<u>GCR50329</u>	Lab Sample ID:	<u>CR50335</u>	
Sample wt/vol:	<u>15.02</u> (g/mL) <u>g</u>	Lab File ID:	<u>0904_31.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/27/24</u>	
% Moisture:	<u>18</u>	Date Extracted:	<u>09/04/24</u>	
Instrument:	<u>CHEM06</u>	Inj. Vol.	<u>1.0</u> (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	<u>N</u>	pH:		Dilution Factor:
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	410	U	110	410	r
110-86-1	Pyridine	410	UJ	100	410	r
108-95-2	Phenol	280	U	130	280	r
111-44-4	Bis(2-chloroethyl)ether	410	U	110	410	r
62-53-3	Aniline	410	U	160	410	r
95-57-8	2-Chlorophenol	280	U	120	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	410	U	160	410	r
98-86-2	Acetophenone	280	U	130	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	100	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	810	U	160	810	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	120	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U	150	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	UJ	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	97	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	110	280	r
91-58-7	2-Chloronaphthalene	280	U	120	280	r
100-01-6	4-Nitroaniline	650	U	140	650	r
131-11-3	Dimethylphthalate	280	U	130	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-13/MW-13 8-9FT
SDG No.:	GCR50329	Lab Sample ID:	CR50335	
Sample wt/vol:	15.02 (g/mL)	g	Lab File ID:	0904_31.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	18		Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	09/04/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	410	U	160	410	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	410	U R	200	410	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U, J	81	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	140	280	r
88-74-4	2-Nitroaniline	410	U, J	160	410	r
534-52-1	4,6-Dinitro-2-methylphenol	410	U, J	160	410	r
86-30-6	N-Nitrosodiphenylamine	410	U	160	410	r
122-66-7	Azobenzene	410	U	160	410	r
101-55-3	4-Bromophenyl phenyl ether	410	U	120	410	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	410	U	150	410	r
82-68-8	Pentachloronitrobenzene	410	U	120	410	r
85-01-8	Phenanthrene	280	U	120	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	410	U	160	410	r
84-74-2	Di-n-butylphthalate	410	U	160	410	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	410	U	120	410	r
56-55-3	Benz(a)anthracene	280	U	140	280	r
218-01-9	Chrysene	280	U	140	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detected estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1

CLIENT ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-13/MW-13 11-12FT
SDG No.:	<u>GCR50329</u>	Lab Sample ID:	<u>CR50336</u>	
Sample wt/vol:	<u>15.24</u> (g/mL) <u>g</u>	Lab File ID:	<u>0904_32.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/27/24</u>	
% Moisture:	<u>21</u>	Date Extracted:	<u>09/04/24</u>	
Instrument:	<u>CHEM06</u>	Inj. Vol.	<u>1.0</u> (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	<u>N</u>	pH:		Dilution Factor:
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	420	U	120	420	r
110-86-1	Pyridine	420	UJ	100	420	r
108-95-2	Phenol	290	U	130	290	r
111-44-4	Bis(2-chloroethyl)ether	420	U	110	420	r
62-53-3	Aniline	420	U	170	420	r
95-57-8	2-Chlorophenol	290	U	120	290	r
541-73-1	1,3-Dichlorobenzene	290	U	120	290	r
106-46-7	1,4-Dichlorobenzene	290	U	120	290	r
95-50-1	1,2-Dichlorobenzene	290	U	120	290	r
95-48-7	2-Methylphenol (o-cresol)	290	U	170	290	r
108-60-1	Bis(2-chloroisopropyl)ether	290	U	120	290	r
621-64-7	N-Nitrosodi-n-propylamine	290	U	130	290	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	420	U	160	420	r
98-86-2	Acetophenone	290	U	130	290	r
67-72-1	Hexachloroethane	290	U	120	290	r
98-95-3	Nitrobenzene	290	U	150	290	r
78-59-1	Isophorone	290	U	120	290	r
88-75-5	2-Nitrophenol	290	U	170	290	r
105-67-9	2,4-Dimethylphenol	290	U	100	290	r
111-91-1	Bis(2-chloroethoxy)methane	290	U	110	290	r
65-85-0	Benzoic Acid	830	U	170	830	r
120-83-2	2,4-Dichlorophenol	290	U	150	290	r
120-82-1	1,2,4-Trichlorobenzene	290	U	130	290	r
91-20-3	Naphthalene	290	U	120	290	r
106-47-8	4-Chloroaniline	290	U	170	290	r
87-68-3	Hexachlorobutadiene	290	U	150	290	r
59-50-7	4-Chloro-3-methylphenol	290	U	150	290	r
91-57-6	2-Methylnaphthalene	290	U	120	290	r
77-47-4	Hexachlorocyclopentadiene	290	UJ	130	290	r
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	100	290	r
88-06-2	2,4,6-Trichlorophenol	290	U	130	290	r
95-95-4	2,4,5-Trichlorophenol	290	U	110	290	r
91-58-7	2-Chloronaphthalene	290	U	120	290	r
100-01-6	4-Nitroaniline	660	U	140	660	r
131-11-3	Dimethylphthalate	290	U	130	290	r
606-20-2	2,6-Dinitrotoluene	290	U	130	290	r

FORM I SV

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1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-13/MW-13 11-12FT
SDG No.:	GCR50329	Lab Sample ID:	CR50336	
Sample wt/vol:	15.24 (g/mL)	g	Lab File ID:	0904_32.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	21		Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	09/04/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	290	U	120	290	r
99-09-2	3-Nitroaniline	420	U	170	420	r
83-32-9	Acenaphthene	290	U	130	290	r
51-28-5	2,4-Dinitrophenol	420	U	R 210	420	r
132-64-9	Dibenzofuran	290	U	120	290	r
121-14-2	2,4-Dinitrotoluene	290	U	160	290	r
100-02-7	4-Nitrophenol	290	UJ	83	290	r
84-66-2	Diethyl phthalate	290	U	130	290	r
86-73-7	Fluorene	290	U	140	290	r
7005-72-3	4-Chlorophenyl phenyl ether	290	U	140	290	r
88-74-4	2-Nitroaniline	420	UJ	170	420	r
534-52-1	4,6-Dinitro-2-methylphenol	420	UJ	170	420	r
86-30-6	N-Nitrosodiphenylamine	420	U	160	420	r
122-66-7	Azobenzene	420	U	170	420	r
101-55-3	4-Bromophenyl phenyl ether	420	U	120	420	r
118-74-1	Hexachlorobenzene	290	U	120	290	r
87-86-5	Pentachlorophenol	420	U	160	420	r
82-68-8	Pentachloronitrobenzene	420	U	120	420	r
85-01-8	Phenanthrene	290	U	120	290	r
120-12-7	Anthracene	290	U	140	290	r
86-74-8	Carbazole	420	U	170	420	r
84-74-2	Di-n-butylphthalate	420	U	170	420	r
206-44-0	Fluoranthene	290	U	130	290	r
92-87-5	Benzidine	290	U	170	290	r
129-00-0	Pyrene	290	U	140	290	r
85-68-7	Benzyl butyl phthalate	290	U	110	290	r
117-81-7	Bis(2-ethylhexyl)phthalate	420	U	120	420	r
56-55-3	Benz(a)anthracene	290	U	140	290	r
218-01-9	Chrysene	290	U	140	290	r
117-84-0	Di-n-octylphthalate	290	U	110	290	r
91-94-1	3,3'-dichlorobenzidine	290	U	200	290	r
205-99-2	Benzo(b)fluoranthene	290	U	140	290	r
207-08-9	Benzo(k)fluoranthene	290	U	140	290	r
50-32-8	Benzo(a)pyrene	290	U	140	290	r
193-39-5	Indeno(1,2,3-cd)pyrene	290	U	140	290	r
53-70-3	Dibenz(a,h)anthracene	290	U	130	290	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0904.19 and 0904_44. 2,4-Dinophenol failed minimum RRF leading to qualification as rejection "R" values within sample.

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET CLIENT ID SB-13/MW-13 14-15FT			
Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCR50329	Lab Sample ID:	CR50337
Sample wt/vol:	15.07 (g/mL) g	Lab File ID:	0904_33.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	08/27/24
% Moisture:	17	Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed: 09/04/24
GPC Cleanup:(Y/N)	N	pH: 	Dilution Factor: 1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg	

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	400	U	110	400	r
110-86-1	Pyridine	400	U	98	400	r
108-95-2	Phenol	280	U J	130	280	r
111-44-4	Bis(2-chloroethyl)ether	400	U	110	400	r
62-53-3	Aniline	400	U	160	400	r
95-57-8	2-Chlorophenol	280	U	110	280	r
541-73-1	1,3-Dichlorobenzene	280	U	120	280	r
106-46-7	1,4-Dichlorobenzene	280	U	120	280	r
95-50-1	1,2-Dichlorobenzene	280	U	110	280	r
95-48-7	2-Methylphenol (o-cresol)	280	U	160	280	r
108-60-1	Bis(2-chloroisopropyl)ether	280	U	110	280	r
621-64-7	N-Nitrosodi-n-propylamine	280	U	130	280	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	400	U	160	400	r
98-86-2	Acetophenone	280	U	120	280	r
67-72-1	Hexachloroethane	280	U	120	280	r
98-95-3	Nitrobenzene	280	U	140	280	r
78-59-1	Isophorone	280	U	110	280	r
88-75-5	2-Nitrophenol	280	U	160	280	r
105-67-9	2,4-Dimethylphenol	280	U	99	280	r
111-91-1	Bis(2-chloroethoxy)methane	280	U	110	280	r
65-85-0	Benzoic Acid	800	U	160	800	r
120-83-2	2,4-Dichlorophenol	280	U	140	280	r
120-82-1	1,2,4-Trichlorobenzene	280	U	120	280	r
91-20-3	Naphthalene	280	U	120	280	r
106-47-8	4-Chloroaniline	280	U	160	280	r
87-68-3	Hexachlorobutadiene	280	U J	140	280	r
59-50-7	4-Chloro-3-methylphenol	280	U	140	280	r
91-57-6	2-Methylnaphthalene	280	U	120	280	r
77-47-4	Hexachlorocyclopentadiene	280	U	120	280	r
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	96	280	r
88-06-2	2,4,6-Trichlorophenol	280	U	130	280	r
95-95-4	2,4,5-Trichlorophenol	280	U	100	280	r
91-58-7	2-Chloronaphthalene	280	U	110	280	r
100-01-6	4-Nitroaniline	640	U	130	640	r
131-11-3	Dimethylphthalate	280	U	120	280	r
606-20-2	2,6-Dinitrotoluene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-13/MW-13 14-15FT
SDG No.:	GCR50329	Lab Sample ID:	CR50337	
Sample wt/vol:	15.07 (g/mL)	g	Lab File ID:	0904_33.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	17		Date Extracted:	09/04/24
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	09/04/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	280	U	110	280	r
99-09-2	3-Nitroaniline	400	U	160	400	r
83-32-9	Acenaphthene	280	U	120	280	r
51-28-5	2,4-Dinitrophenol	400	U R	200	400	r
132-64-9	Dibenzofuran	280	U	120	280	r
121-14-2	2,4-Dinitrotoluene	280	U	160	280	r
100-02-7	4-Nitrophenol	280	U J	80	280	r
84-66-2	Diethyl phthalate	280	U	130	280	r
86-73-7	Fluorene	280	U	130	280	r
7005-72-3	4-Chlorophenyl phenyl ether	280	U	130	280	r
88-74-4	2-Nitroaniline	400	U J	160	400	r
534-52-1	4,6-Dinitro-2-methylphenol	400	U J	160	400	r
86-30-6	N-Nitrosodiphenylamine	400	U	150	400	r
122-66-7	Azobenzene	400	U	160	400	r
101-55-3	4-Bromophenyl phenyl ether	400	U	120	400	r
118-74-1	Hexachlorobenzene	280	U	120	280	r
87-86-5	Pentachlorophenol	400	U	150	400	r
82-68-8	Pentachloronitrobenzene	400	U	120	400	r
85-01-8	Phenanthrene	280	U	110	280	r
120-12-7	Anthracene	280	U	130	280	r
86-74-8	Carbazole	400	U	160	400	r
84-74-2	Di-n-butylphthalate	400	U	160	400	r
206-44-0	Fluoranthene	280	U	130	280	r
92-87-5	Benzidine	280	U	160	280	r
129-00-0	Pyrene	280	U	140	280	r
85-68-7	Benzyl butyl phthalate	280	U	100	280	r
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	120	400	r
56-55-3	Benz(a)anthracene	280	U	130	280	r
218-01-9	Chrysene	280	U	130	280	r
117-84-0	Di-n-octylphthalate	280	U	100	280	r
91-94-1	3,3'-dichlorobenzidine	280	U	190	280	r
205-99-2	Benzo(b)fluoranthene	280	U	140	280	r
207-08-9	Benzo(k)fluoranthene	280	U	130	280	r
50-32-8	Benzo(a)pyrene	280	U	130	280	r
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	130	280	r
53-70-3	Dibenz(a,h)anthracene	280	U	130	280	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-14/MW-14 7'-8'
SDG No.:	GCR50329	Lab Sample ID:	CR50339	
Sample wt/vol:	15.16 (g/mL)	g	Lab File ID:	0904_31.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	15		Date Extracted:	09/04/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	09/05/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	95	390	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	390	U	100	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	110	270	r
106-46-7	1,4-Dichlorobenzene	270	U	110	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	160	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	160	270	r
105-67-9	2,4-Dimethylphenol	270	U	96	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	780	U	160	780	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	160	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	UJ	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	93	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	620	U	130	620	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-14/MW-14 7'-8'
SDG No.:	GCR50329	Lab Sample ID:	CR50339	
Sample wt/vol:	15.16 (g/mL)	g	Lab File ID:	0904_31.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	15		Date Extracted:	09/04/24
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	09/05/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	UJ	190	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	U	78	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	UJ	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	UJ	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	110	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	UJ	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	160	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	UJ	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	U	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample CR48036 LCD/LCSD, led to qualification as rejected "R" value for within sample. Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0828_26and 0828_51.

1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET				CLIENT ID	
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR50329		Lab Sample ID:	CR50340	
Sample wt/vol:	15.44	(g/mL) g	Lab File ID:	0828_44.D	
Concentrated Extract Volume:	1000	(uL)	Date Received:	08/27/24	
% Moisture:	17		Date Extracted:		
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24	
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1	
Matrix: (soil/water)	Soil		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	96	390	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	390	U	110	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	120	270	r
106-46-7	1,4-Dichlorobenzene	270	U	120	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	160	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	160	270	r
105-67-9	2,4-Dimethylphenol	270	U	97	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	780	U	160	780	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	160	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	U	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	94	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	620	U	130	620	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SB-14/MW-14 9'-10'
SDG No.:	<u>GCR50329</u>	Lab Sample ID:	<u>CR50340</u>	
Sample wt/vol:	<u>15.44</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_44.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/27/24</u>	
% Moisture:	<u>17</u>	Date Extracted:	<u></u>	
Instrument:	<u>CHEM36</u>	Inj. Vol. <u></u> (uL)	Date Analyzed:	<u>08/29/24</u>
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u></u>	Dilution Factor:	<u>1</u>
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	UJ	200	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	U	78	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	UJ	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	U	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	110	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	160	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	UJ	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	U	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to recovery below laboratory limit for Hexachlorocyclopentadiene within laboratory control sample CR48036 LCD/LCSD, led to qualification as rejected "R" value for within sample. Qualification of several analytes, as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated continuous calibration files 0828_26 and 0828_51.

1				CLIENT ID	
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET				SB-14/MW-14 14'-15'	
Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>		
SDG No.:	<u>GCR50329</u>	Lab Sample ID:	<u>CR50341</u>		
Sample wt/vol:	<u>15.27</u> (g/mL) <u>g</u>	Lab File ID:	<u>0828_45.D</u>		
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>08/27/24</u>		
% Moisture:	<u>16</u>	Date Extracted:	<u></u>		
Instrument:	<u>CHEM36</u>	Inj. Vol. <u></u> (uL)	Date Analyzed:	<u>08/29/24</u>	
GPC Cleanup:(Y/N)	<u>N</u>	pH: <u></u>	Dilution Factor:	<u>1</u>	
Matrix: (soil/water)	<u>Soil</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/Kg</u>			

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
62-75-9	N-Nitrosodimethylamine	390	U	110	390	r
110-86-1	Pyridine	390	U	96	390	r
108-95-2	Phenol	270	U	120	270	r
111-44-4	Bis(2-chloroethyl)ether	390	U	110	390	r
62-53-3	Aniline	390	U	160	390	r
95-57-8	2-Chlorophenol	270	U	110	270	r
541-73-1	1,3-Dichlorobenzene	270	U	120	270	r
106-46-7	1,4-Dichlorobenzene	270	U	120	270	r
95-50-1	1,2-Dichlorobenzene	270	U	110	270	r
95-48-7	2-Methylphenol (o-cresol)	270	U	160	270	r
108-60-1	Bis(2-chloroisopropyl)ether	270	U	110	270	r
621-64-7	N-Nitrosodi-n-propylamine	270	U	130	270	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	390	U	150	390	r
98-86-2	Acetophenone	270	U	120	270	r
67-72-1	Hexachloroethane	270	U	120	270	r
98-95-3	Nitrobenzene	270	U	140	270	r
78-59-1	Isophorone	270	U	110	270	r
88-75-5	2-Nitrophenol	270	U	160	270	r
105-67-9	2,4-Dimethylphenol	270	U	97	270	r
111-91-1	Bis(2-chloroethoxy)methane	270	U	110	270	r
65-85-0	Benzoic Acid	780	U	160	780	r
120-83-2	2,4-Dichlorophenol	270	U	140	270	r
120-82-1	1,2,4-Trichlorobenzene	270	U	120	270	r
91-20-3	Naphthalene	270	U	110	270	r
106-47-8	4-Chloroaniline	270	U	160	270	r
87-68-3	Hexachlorobutadiene	270	U	140	270	r
59-50-7	4-Chloro-3-methylphenol	270	U	140	270	r
91-57-6	2-Methylnaphthalene	270	U	120	270	r
77-47-4	Hexachlorocyclopentadiene	270	U	120	270	r
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	94	270	r
88-06-2	2,4,6-Trichlorophenol	270	U	120	270	r
95-95-4	2,4,5-Trichlorophenol	270	U	100	270	r
91-58-7	2-Chloronaphthalene	270	U	110	270	r
100-01-6	4-Nitroaniline	620	U	130	620	r
131-11-3	Dimethylphthalate	270	U	120	270	r
606-20-2	2,6-Dinitrotoluene	270	U	120	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SB-14/MW-14 14'-15'
SDG No.:	GCR50329	Lab Sample ID:	CR50341	
Sample wt/vol:	15.27 (g/mL)	g	Lab File ID:	0828_45.D
Concentrated Extract Volume:	1000 (uL)		Date Received:	08/27/24
% Moisture:	16		Date Extracted:	
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	08/29/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Soil	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
208-96-8	Acenaphthylene	270	U	110	270	r
99-09-2	3-Nitroaniline	390	U	160	390	r
83-32-9	Acenaphthene	270	U	120	270	r
51-28-5	2,4-Dinitrophenol	390	U J	190	390	r
132-64-9	Dibenzofuran	270	U	110	270	r
121-14-2	2,4-Dinitrotoluene	270	U	150	270	r
100-02-7	4-Nitrophenol	270	U	78	270	r
84-66-2	Diethyl phthalate	270	U	120	270	r
86-73-7	Fluorene	270	U	130	270	r
7005-72-3	4-Chlorophenyl phenyl ether	270	U	130	270	r
88-74-4	2-Nitroaniline	390	U J	160	390	r
534-52-1	4,6-Dinitro-2-methylphenol	390	U	160	390	r
86-30-6	N-Nitrosodiphenylamine	390	U	150	390	r
122-66-7	Azobenzene	390	U	160	390	r
101-55-3	4-Bromophenyl phenyl ether	390	U	110	390	r
118-74-1	Hexachlorobenzene	270	U	110	270	r
87-86-5	Pentachlorophenol	390	U	150	390	r
82-68-8	Pentachloronitrobenzene	390	U	120	390	r
85-01-8	Phenanthrene	270	U	110	270	r
120-12-7	Anthracene	270	U	130	270	r
86-74-8	Carbazole	390	U	160	390	r
84-74-2	Di-n-butylphthalate	390	U	160	390	r
206-44-0	Fluoranthene	270	U	130	270	r
92-87-5	Benzidine	270	U	160	270	r
129-00-0	Pyrene	270	U	130	270	r
85-68-7	Benzyl butyl phthalate	270	U	100	270	r
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	110	390	r
56-55-3	Benz(a)anthracene	270	U	130	270	r
218-01-9	Chrysene	270	U	130	270	r
117-84-0	Di-n-octylphthalate	270	U J	100	270	r
91-94-1	3,3'-dichlorobenzidine	270	U	180	270	r
205-99-2	Benzo(b)fluoranthene	270	U	130	270	r
207-08-9	Benzo(k)fluoranthene	270	U	130	270	r
50-32-8	Benzo(a)pyrene	270	U	130	270	r
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	130	270	r
53-70-3	Dibenz(a,h)anthracene	270	U	130	270	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8082A PCB

Lab Job ID: GCR50329

Lab ID	Field ID	Collection Date	Matrix
CR50329	SB-11/MW-11 8-9FT	8/26/2024	Soil
CR50330	SB-11/MW-11 11-12FT	8/26/2024	Soil
CR50331	SB-11/MW-11 14-15FT	8/26/2024	Soil
CR50332	SB-12/MW-12 6'-7'	8/26/2024	Soil
CR50333	SB-12/MW-12 9'-10'	8/26/2024	Soil
CR50334	SB-12/MW-12 13.5FT-15FT	8/26/2024	Soil
CR50335	SB-13/MW-13 8-9FT	8/26/2024	Soil
CR50336	SB-13/MW-13 11-12FT	8/26/2024	Soil
CR50337	SB-13/MW-13 14-15FT	8/26/2024	Soil
CR50339	SB-14/MW-14 7'-8'	8/26/2024	Soil
CR50340	SB-14/MW-14 9'-10'	8/26/2024	Soil
CR50341	SB-14/MW-14 14'-15'	8/26/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD8 while samples were analyzed on mostly ECD29 and ECD24. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values. QA/QC samples which were run on ECD3, normal qualification occurred on associated sample CR50341.

- ECD3 had a failure in within CCVs, it was not over 25% as stated in SOP. No further qualification needed. ECD24 failures within files 904A015, 904B015, 904A028, and 904B028 led to qualification of Aroclor-1016 and 1260 as non-detect estimate "UJ" value in associated samples

All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR45184



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			ECD3 had a failure in within CCVs, it was not over 25% as stated in SOP. No further qualification needed. ECD24 failures within files 904A015, 904B015, 904A028, and 904B028 led to qualification of Aroclor 1016 and 1260 as non-detect estimate "UJ" value in associated samples. See attachment.
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Arcelor standard (C3) and within RT window?	x			
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?		x		Samples run on instruments EDC29 ECD24 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed. Blanks associated with ECD3 were within laboratory criteria.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) with in QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?	x			Matrix samples were not evaluated on ECD29 and ECD24 thus no qualification will be made based on this data. Matrix sample associated with ECD3 were within laboratory criteria.
Were MS/MSD (%R) and RPD within QC?	x			
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Laboratory control samples were not evaluated on ECD29 and ECD24thus no qualification will be made based on this data. Laboratory control sample associated with ECD3 were within laboratory criteria.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) with in ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			

Criteria	Y	N	NA	Comment
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			
K. Field Duplicates				
Were Field Duplicated identified within sample package?		x		
Was RPD less than 50%?			x	
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Continuous calibration failure led to qualification of sample. All results are within Cat. B criterion and usable.



Calculation Spot Check

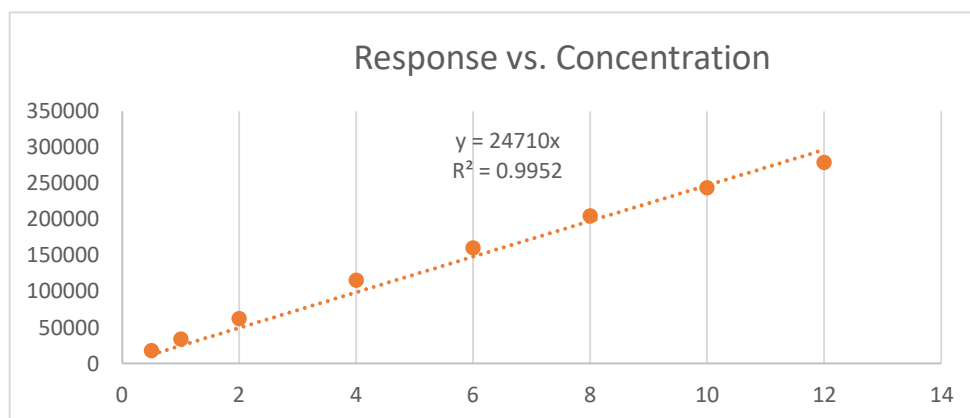
Instrument: ECD29

ICV Date and Time: 08/15/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.045	0.5	18029.6
LV2	0.041	1	34047.6
LV3	0.039	2.0000	62550
LV4	0.037	4.0000	115512
LV5	0.034	6.0000	160737.79
LV6	0.032	8.0000	204896.89
LV7	0.034	10.0000	244041.32
LV8	0.051	12.0000	279264
Mean	0.039		
%RSD	16.36		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.





Calculation Spot Check

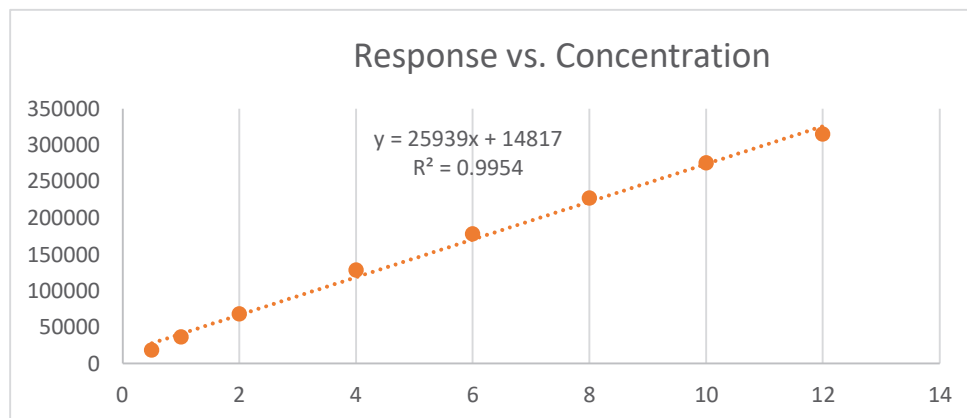
Instrument: ECD24

ICV Date and Time: 8/5/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.033	0.5	18424.8
LV2	0.031	1	36343.04
LV3	0.029	2.0000	67870.56
LV4	0.027	4.0000	128170.08
LV5	0.027	6.0000	177938.72
LV6	0.026	8.0000	227239.52
LV7	0.025	10.0000	275780.16
LV8	0.034	12.0000	315127.52
Mean	0.029		
%RSD	11.51		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.





Calculation Spot Check

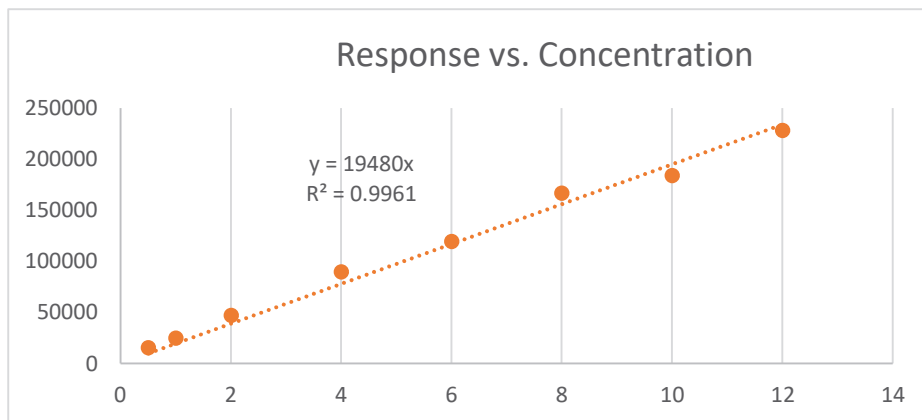
Instrument: ECD3

ICV Date and Time: 08/19/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.030	0.5	15603.69
LV2	0.028	1	25070.18
LV3	0.026	2.0000	47214.98
LV4	0.024	4.0000	89696.94
LV5	0.026	6.0000	119388.57
LV6	0.023	8.0000	166914.21
LV7	0.024	10.0000	184117.18
LV8	0.036	12.0000	228018.55
Mean	0.027		
%RSD	15.70		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.



Reviewer Comment: Qualification of analyte Aroclor-1016 (Primary and Confirmation) as non-detect estimate “UJ” values within associated samples CR50329-CR50335, CR50337 and CR50340 due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR50329
GC Col A:	RTX-440	ID:	0.53 (mm)	Init. Calib. Date(s):	08/05/24 08/05/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;43I			Date Analyzed:	09/04/24
LAB Sample ID (PEM):	mix 600;43I - 904A015			Time Analyzed:	14:27
Instrument:	ECD24			File:	904A015

[illegible]

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR50329
GC Col B:	RXI-35SI	ID: 0.32 (mm)	Init. Calib. Date(s):		08/05/24 08/05/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;43I			Date Analyzed:	09/04/24
LAB Sample ID (PEM):	mix 600;43I - 904B015			Time Analyzed:	14:27
Instrument:	ECD24			File:	904B015

QC LIMITS:
 %D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

Page 1403 of 2195

Reviewer Comment: Qualification of analyte Aroclor 1016 and 1260 (Primary and Confirmation) as non-detect estimate "UJ" values within associated samples CR50339 and CR50336 due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR50329
GC Col A:	RTX-440	ID: 0.53 (mm)	Init. Calib. Date(s):		08/05/24 08/05/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;43g			Date Analyzed:	09/04/24
LAB Sample ID (PEM):	mix 600;43g - 904A028			Time Analyzed:	19:30
Instrument:	ECD24			File:	904A028

COMPOUND	RT	RT WINDOW		RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
		FROM	TO					
Aroclor 1016-1	5.70	5.66	5.76	566	600	6		0.029
Aroclor 1016-2	7.46	7.42	7.52	441	600	27	*	0.118
Aroclor 1016-3	7.77	7.73	7.83	447	600	26	*	0.039
Aroclor 1016-4	8.06	8.02	8.12	542	600	10		0.025
Aroclor 1016-5	8.43	8.39	8.49	559	600	7		0.032
Aroclor 1260-1	10.80	10.74	10.88	613	600	2		0.063
Aroclor 1260-2	11.36	11.30	11.44	574	600	4		0.114
Aroclor 1260-3	11.59	11.52	11.66	763	600	27	*	0.046
Aroclor 1260-4	12.18	12.13	12.27	822	600	37	*	0.043
Aroclor 1260-5	12.62	12.56	12.70	730	600	22	*	0.037
Decachlorobiphenyl	15.73	15.65	15.85	87	80	9		1.801
Tetrachloro-m-xylene	4.85	4.81	4.91	79	80	1		1.420

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR50329
GC Col B:	RXI-35SI	ID: 0.32 (mm)	Init. Calib. Date(s):		08/05/24 08/05/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;43g			Date Analyzed:	09/04/24
LAB Sample ID (PEM):	mix 600;43g - 904B028			Time Analyzed:	19:30
Instrument:	ECD24			File:	904B028

QC LIMITS:
%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

03/08/2025

Reviewer Comment: Qualification of analyte Aroclor-1260 and 1016 as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV file 904A028.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-13/MW-13 11-12FT

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD24 Column.: RTX-440 0.32

SDG No.: GCR50329

Matrix: (soil/water) Soil Lab Sample ID: CR50336

Sample wt/vol: 15.1 (g/mL) g Lab File ID: 904A037

% Moisture:	21	decanted: (Y/N)	N	Date Received:	08/27/24
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Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 09/03/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/04/24

Injection Volume: 1 (ul) Dilution Factor: 10

CONCENTRATION UNITS: ug/Kg

[illegible]

11100-14-4 Sample PQL Calc: $(100\text{raw} * 10\text{df} * 5\text{fv}) / (15.10\text{wt-vol} * 0.79\%\text{sol}) = 420$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR50329

Lab ID	Field ID	Collection Date	Matrix
CR50329	SB-11/MW-11 8-9FT	8/26/2024	Soil
CR50330	SB-11/MW-11 11-12FT	8/26/2024	Soil
CR50331	SB-11/MW-11 14-15FT	8/26/2024	Soil
CR50332	SB-12/MW-12 6'-7'	8/26/2024	Soil
CR50333	SB-12/MW-12 9'-10'	8/26/2024	Soil
CR50334	SB-12/MW-12 13.5FT-15FT	8/26/2024	Soil
CR50335	SB-13/MW-13 8-9FT	8/26/2024	Soil
CR50336	SB-13/MW-13 11-12FT	8/26/2024	Soil
CR50337	SB-13/MW-13 14-15FT	8/26/2024	Soil
CR50339	SB-14/MW-14 7'-8'	8/26/2024	Soil
CR50340	SB-14/MW-14 9'-10'	8/26/2024	Soil
CR50341	SB-14/MW-14 14'-15'	8/26/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument EDD 33 where only one sample was analyzed (CR50332). All other samples were analyzed on ECD4. Samples examined on ECD4 are evaluated on based on data collected on instrument such as surrogates, initial and continuing calibrations. Detected analytes will be qualified as estimate "J" values. This led to qualification with sample CR50329 and CR50339.
 - Within Continues Calibrations, Endosulfan I was above laboratory limits %D for closing CCV (file 90539) of instrument ECD4 associated with sample CR50341 led qualification of analyte as a non-detect estimate "UJ" value.
 - Due matrix sample, CR50334 had delta-BHC fail recovery led to qualification within sample CR50332 as non-detect estimate "UJ" value.
 - Sample CR50334 had Methoxchlor fail RPD of LCS, no further qualification is needed.
- All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR50329



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?			x	Endosulfan I was above laboratory limits %D for closing CCV (file 90539) of instrument ECD04 associated with sample CR50341 led qualification of analyte as a non-detect estimate "UJ" value. Please see attachment.
Were (%D), relative respond factors (RRF) and RT within criteria?		x		
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			
PEM % breakdown did not exceed criteria?	x			

Criteria	Y	N	NA	Comment
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			While blanks were present they were analyzed on a different instrument than samples thus all detection will be qualified as estimate "J" values within all samples. This led to qualification with sample CR50329 and CR50339. See attachment.
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminants found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards?	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				CR50334
Were MS and MSD analyzed for SDG or matrix?	x			Sample CR50334 had delta-BHC fail recovery led to qualification within sample CR50332 as non-detect estimate "UJ" value. While matrix samples were run, all other samples were run a different instrument than matrix samples thus no further qualification will be made with this data. See attachment.
Was MS/MSD done at specific frequency required by criteria?	x			
Were MS/MSD (%R) and RPD within QC?	x			
H. Laboratory Control Sample				CR50334
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			Sample CR50334 had Methoxchlor fail RPD of LCS, no further qualification is needed. While laboratory control samples were run in associated with CR50332, all other samples were run a different instrument than laboratory control samples thus no further qualification will be made with this data.
Was LCS (%R) within QC Limits?	x			

Criteria	Y	N	NA	Comment
I. Field Duplicates				
Were field duplicates collected?		x		
Were %RPD < 50% for observed analytes?			x	
J. Florisil Cartridge Performance Check				
Were %R within specification.	x			
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are within calculated window?	x			
%D of target analytes and Toxaphene are calculated to less than 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			
M. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
N. EPA Regional QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		

Criteria	Y	N	NA	Comment
O. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration and matrix spike qualification is needed. Qualification also due to lack of QA/QC data from sample associated instrument. All results are within Cat. B criterion and usable.



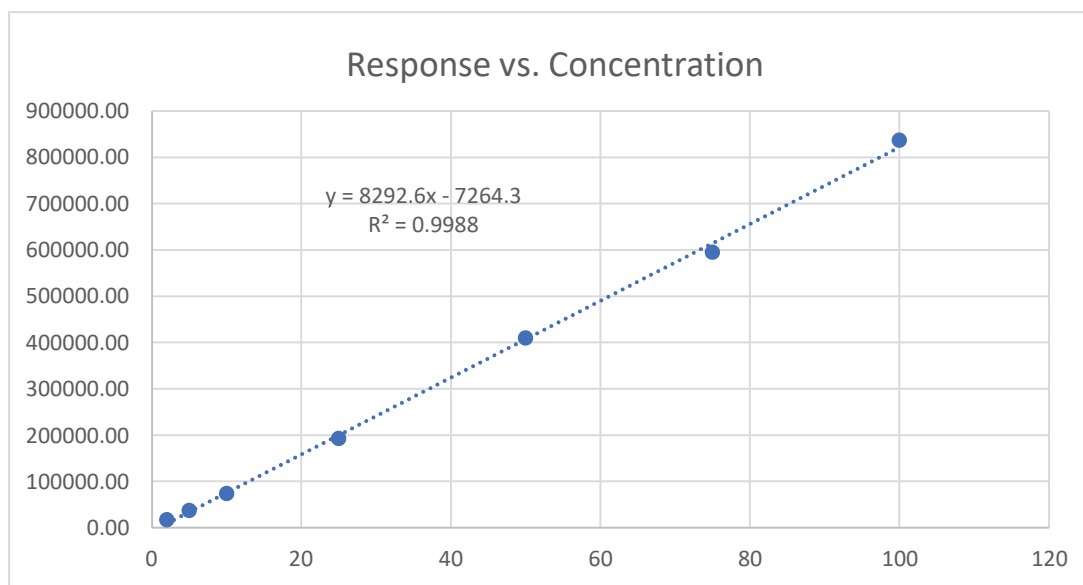
Calculation Spot Check

Instrument: ECD4

ICV Date and Time: 9/4/2024

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	2.308	17092.88	2
L2	2.318	37485.11	5
L3	2.377	74039.09	10
L4	2.452	192667.29	25
L5	2.422	409628.37	50
L6	2.338	595185.62	75
L7	2.549	837170.14	100
average	2.395		
RSD	3.61		





Calculation Spot Check

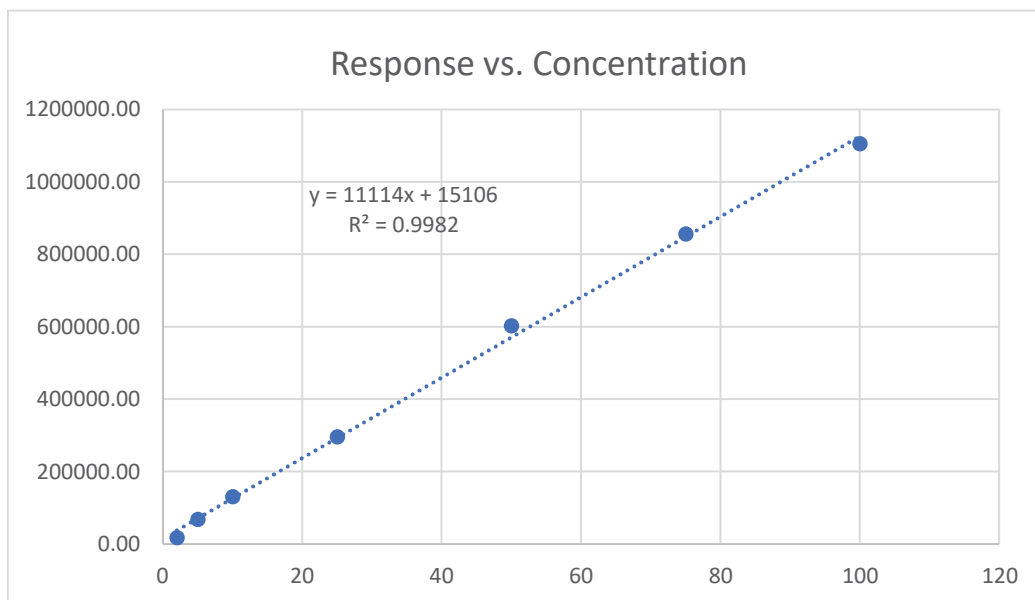
Instrument: ECD33

ICV Date and Time: 8/13/2024

Compound: alpha-BHC

Calibration

	Factor	Response	Concentration
L1	2.656	17092.88	2
L2	2.556	67204.99	5
L3	2.395	130271.02	10
L4	2.339	295808.83	25
L5	2.322	602003.42	50
L6	2.224	855874.37	75
L7	3.433	1105033.21	100
average	2.561		
RSD	16.08		



3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Case No.: _____

SAS No.: _____

SDG No.: GCR50329

Matrix Spike - Client Id.: SB-12/MW-12 13.5FT-15FT MS

Lab Id.: CR50334 MS

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS CONC ug/kg	MS % REC	#	QC. LIMITS REC.		
alpha-BHC	42.0	0	26.7	64		30 - 150		
beta-BHC	42.0	0	37.0	88		30 - 150		
delta-BHC	42.0	0	9.35	22	*	30 - 150		
gamma-BHC (Lindane)	42.0	0	33.0	78		30 - 150		
Heptachlor	42.0	0	35.9	86		30 - 150		
Aldrin	42.0	0	40.8	97		30 - 150		
Heptachlor Epoxide	42.0	0	40.5	96		30 - 150		
Endosulfan I	42.0	0	32.4	77		30 - 150		
Dieldrin	42.0	0	43.4	103		30 - 150		
4,4' -DDE	42.0	0	41.1	98		30 - 150		
Endrin	42.0	0	44.0	105		30 - 150		
Endosulfan II	42.0	0	31.2	74		30 - 150		
4,4' -DDD	42.0	0	34.0	81		30 - 150		
Endosulfan Sulfate	42.0	0	34.4	82		30 - 150		
4,4' -DDT	42.0	0	35.8	85		30 - 150		
Methoxychlor	42.0	0	33.2	79		30 - 150		
Endrin ketone	42.0	0	40.9	97		30 - 150		
Endrin Aldehyde	42.0	0	32.8	78		30 - 150		
alpha-Chlordane	42.0	0	41.3	98		30 - 150		
gamma-Chlordane	42.0	0	42.7	101		30 - 150		
COMPOUND	SPIKE ADDED ug/kg	MSD CONC ug/kg	MSD % REC	#	% RPD	#	QC LIMITS RPD	REC.
alpha-BHC	42.0	29.5	70		9.0		30	30 - 150
beta-BHC	42.0	33.1	79		10.8		30	30 - 150
delta-BHC	42.0	17.1	41		60.3	*	30	30 - 150
gamma-BHC (Lindane)	42.0	35.5	85		8.6		30	30 - 150
Heptachlor	42.0	32.5	77		11.0		30	30 - 150
Aldrin	42.0	37.2	89		8.6		30	30 - 150
Heptachlor Epoxide	42.0	36.4	87		9.8		30	30 - 150
Endosulfan I	42.0	33.1	79		2.6		30	30 - 150
Dieldrin	42.0	38.6	92		11.3		30	30 - 150
4,4' -DDE	42.0	34.1	81		19.0		30	30 - 150
Endrin	42.0	39.9	95		10.0		30	30 - 150
Endosulfan II	42.0	33.8	81		9.0		30	30 - 150
4,4' -DDD	42.0	30.7	73		10.4		30	30 - 150
Endosulfan Sulfate	42.0	32.7	78		5.0		30	30 - 150
4,4' -DDT	42.0	32.2	77		9.9		30	30 - 150
Methoxychlor	42.0	36.3	86		8.5		30	30 - 150
Endrin ketone	42.0	38.6	92		5.3		30	30 - 150
Endrin Aldehyde	42.0	30.9	74		5.3		30	30 - 150
alpha-Chlordane	42.0	37.9	90		8.5		30	30 - 150
gamma-Chlordane	42.0	38.3	91		10.4		30	30 - 150

Reviewer Comment: Qualification of analyte Endosulfan I (Primary) as non-detect estimate "UJ" values within associated sample CR50341 due to %D results above SOP limits.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

GC Col A: CLPesticide ID: 0.53 (mm) Init. Calib. Date(s): 09/04/24 09/04/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;32v Date Analyzed: 09/05/24

LAB Sample ID (PEM): mix 4;32v - 905A039 Time Analyzed: 22:09

Instrument: ECD4 File: 905A039

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.71	3.68	3.78	59	50	18		2.395
beta-BHC	4.08	4.05	4.15	56	50	12		1.002
delta-BHC	4.25	4.22	4.32	56	50	12		2.369
gamma-BHC (Lindane)	4.00	3.98	4.08	55	50	10		2.302
Heptachlor	4.44	4.42	4.52	57	50	14		2.299
Aldrin	4.72	4.69	4.79	59	50	18		2.190
Heptachlor Epoxide	5.25	5.21	5.35	59	50	18		2.041
Endosulfan I	5.62	5.58	5.72	61	50	22	*	1.942
Dieldrin	5.86	5.82	5.96	57	50	14		2.083
4,4' -DDE	5.58	5.53	5.67	52	50	4		1.901
Endrin	6.10	6.05	6.19	56	50	12		1.954
Endosulfan II	6.33	6.29	6.43	58	50	16		1.735
4,4' -DDD	6.17	6.13	6.27	56	50	12		1.397
Endosulfan Sulfate	7.29	7.25	7.39	55	50	10		1.640
4,4' -DDT	6.47	6.43	6.57	54	50	8		1.633
Methoxychlor	7.05	7.01	7.15	55	50	10		0.882
Endrin ketone	7.61	7.58	7.72	56	50	12		2.000
Endrin Aldehyde	6.78	6.75	6.89	56	50	12		1.549
alpha-Chlordane	5.50	5.45	5.59	55	50	10		2.142
gamma-Chlordane	5.37	5.33	5.47	59	50	18		1.990
Decachlorobiphenyl	8.74	8.66	8.86	86	80	8		1.723
Tetrachloro-m-xylene	3.20	3.18	3.28	89	80	11		1.300

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Due to RPD above laboratory limit for associated matrix spike sample (CR50334), analyte delta-BHC is qualified as non-detect estimate "UJ" value for within sample.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-12/MW-12 6`-7`

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32

SDG No.: GCR50329

Matrix: (soil/water) Soil Lab Sample ID: CR50332

Sample wt/vol: 15.16 (g/mL) g Lab File ID: 904A050

% Moisture: 24 decanted: (Y/N) N Date Received: 08/27/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 09/03/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/05/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	8.7	C	U	8.7	8.7
319-85-7	beta-BHC	0.980	8.7	C	U	8.7	8.7
319-86-8	delta-BHC	NA	8.7	C	UJ	8.7	8.7
58-89-9	gamma-BHC (Lindane)	2.301	3.0	C	U1	3.0	3.0
76-44-8	Heptachlor	NA	8.7	C	U	8.7	8.7
309-00-2	Aldrin	NA	4.3	C	U	4.3	4.3
1024-57-3	Heptachlor Epoxide	1.892	8.7	C	U	8.7	8.7
959-98-8	Endosulfan I	NA	8.7	C	U	8.7	8.7
60-57-1	Dieldrin	1.914	4.3	C	U	4.3	4.3
72-55-9	4,4' -DDE	1.627	9.0	C	U1	9.0	9.0
72-20-8	Endrin	1.691	8.7	C	U	8.7	8.7
33213-65-9	Endosulfan II	NA	8.7	C	U	8.7	8.7
72-54-8	4,4' -DDD	1.398	9.0	C	U1	9.0	9.0
1031-07-8	Endosulfan Sulfate	NA	8.7	C	U	8.7	8.7
50-29-3	4,4' -DDT	1.515	2.6	C	U	2.6	2.6
72-43-5	Methoxychlor	NA	43	C	U	43	43
53494-70-5	Endrin ketone	NA	8.7	C	U	8.7	8.7
7421-93-4	Endrin Aldehyde	1.391	8.7	C	U	8.7	8.7
8001-35-2	Toxaphene	NA	170	C	U	170	170
5103-71-9	alpha-Chlordane	NA	4.3	C	U	4.3	4.3
5103-74-2	gamma-Chlordane	1.875	4.3	C	U	4.3	4.3
57-74-9	Chlordane	NA	43	C	U	43	43
2051-24-3	Decachlorobiphenyl	1.544	60	C		%	%
877-09-8	Tetrachloro-m-xylene	1.266	85	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.16wt-vol * 0.76%sol) = 43

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of analyte Endosulfan I as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file 905039.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-14/MW-14 14'-15'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: CLPesticides 0.32

SDG No.: GCR50329

Matrix: (soil/water) Soil Lab Sample ID: CR50341

Sample wt/vol: 15.43 (g/mL) g Lab File ID: 905A032

% Moisture: 16 decanted: (Y/N) N Date Received: 08/27/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 09/04/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/05/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	7.7	C	U	7.7	7.7
319-85-7	beta-BHC	NA	7.7	C	U	7.7	7.7
319-86-8	delta-BHC	NA	7.7	C	U	7.7	7.7
58-89-9	gamma-BHC (Lindane)	NA	1.5	C	U	1.5	1.5
76-44-8	Heptachlor	NA	7.7	C	U	7.7	7.7
309-00-2	Aldrin	NA	3.9	C	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	2.041	7.7	C	U	7.7	7.7
959-98-8	Endosulfan I	NA	7.7	C	U J	7.7	7.7
60-57-1	Dieldrin	NA	3.9	C	U	3.9	3.9
72-55-9	4,4' -DDE	NA	2.3	C	U	2.3	2.3
72-20-8	Endrin	NA	7.7	C	U	7.7	7.7
33213-65-9	Endosulfan II	NA	7.7	C	U	7.7	7.7
72-54-8	4,4' -DDD	NA	2.3	C	U	2.3	2.3
1031-07-8	Endosulfan Sulfate	NA	7.7	C	U	7.7	7.7
50-29-3	4,4' -DDT	NA	2.3	C	U	2.3	2.3
72-43-5	Methoxychlor	NA	39	C	U	39	39
53494-70-5	Endrin ketone	NA	7.7	C	U	7.7	7.7
7421-93-4	Endrin Aldehyde	NA	7.7	C	U	7.7	7.7
8001-35-2	Toxaphene	NA	150	C	U	150	150
5103-71-9	alpha-Chlordane	2.141	3.9	C	U	3.9	3.9
5103-74-2	gamma-Chlordane	NA	3.9	C	U	3.9	3.9
57-74-9	Chlordane	NA	39	C	U	39	39
2051-24-3	Decachlorobiphenyl	1.723	43	C		%	%
877-09-8	Tetrachloro-m-xylene	1.300	68	C		%	%

57-74-9 Sample PQL Calc: (50raw * 2df * 5fv) / (15.43wt-vol * 0.84%sol) = 39

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer comment: Due to blank not being run on instrument compound 4,4'-DDD is qualified as a estimate "J" value.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-11/MW-11 8-9FT

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: Rtx-440 0.32 SDG No.: GCR50329

Matrix: (soil/water) Soil Lab Sample ID: CR50329

Sample wt/vol: 15.34 (g/mL) g Lab File ID: 904B037

% Moisture: 19 decanted: (Y/N) N Date Received: 08/27/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 09/03/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/04/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	1.981		8.0	P	U	8.0
319-85-7	beta-BHC	NA		8.0	P	U	8.0
319-86-8	delta-BHC	NA		8.0	P	U	8.0
58-89-9	gamma-BHC (Lindane)	1.825		1.6	P	U	1.6
76-44-8	Heptachlor	NA		8.0	P	U	8.0
309-00-2	Aldrin	1.683		4.0	P	U	4.0
1024-57-3	Heptachlor Epoxide	1.708		8.0	P	U	8.0
959-98-8	Endosulfan I	NA		8.0	P	U	8.0
60-57-1	Dieldrin	1.466		4.0	P	U	4.0
72-55-9	4,4' -DDE	1.397		2.4	P	U	2.4
72-20-8	Endrin	NA		8.0	P	U	8.0
33213-65-9	Endosulfan II	NA		8.0	P	U	8.0
72-54-8	4,4' -DDD	1.004	28		P	J	2.4
1031-07-8	Endosulfan Sulfate	NA		8.0	P	U	8.0
50-29-3	4,4' -DDT	1.166		2.4	P	U	2.4
72-43-5	Methoxychlor	NA		40	P	U	40
53494-70-5	Endrin ketone	1.267		8.0	P	U	8.0
7421-93-4	Endrin Aldehyde	NA		8.0	P	U	8.0
8001-35-2	Toxaphene	NA		160	P	U	160
5103-71-9	alpha-Chlordane	NA		4.0	P	U	4.0
5103-74-2	gamma-Chlordane	NA		4.0	P	U	4.0
57-74-9	Chlordane	NA		40	P	U	40
2051-24-3	Decachlorobiphenyl	1.118	123		P		%
877-09-8	Tetrachloro-m-xylene	1.432	100		P		%

72-54-8 Sample PQL Calc: $(3\text{raw} * 2\text{df} * 5\text{fv}) / (15.34\text{wt-vol} * 0.81\%\text{sol}) = 2.4$

72-54-8 Sample Result Calc: $((34.6667\text{raw} * 2\text{df} * 5\text{fv}) / (15.34\text{wt-vol} * 0.81\%\text{sol})) = 28$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-14/MW-14 7'-8'

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: Rtx-440 0.32 SDG No.: GCR50329

Matrix: (soil/water) Soil Lab Sample ID: CR50339

Sample wt/vol: 15.15 (g/mL) g Lab File ID: 904B040

% Moisture: 15 decanted: (Y/N) N Date Received: 08/27/24

Extraction: (SepF/Cont/ASE) Unknown Date Extracted: 09/03/24

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/04/24

Injection Volume: 1 (ul) Dilution Factor: 2

CONCENTRATION UNITS: ug/Kg

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	1.981	7.8	P	U	7.8	7.8
319-85-7	beta-BHC	NA	7.8	P	U	7.8	7.8
319-86-8	delta-BHC	1.788	7.8	P	U	7.8	7.8
58-89-9	gamma-BHC (Lindane)	1.825	1.6	P	U	1.6	1.6
76-44-8	Heptachlor	NA	7.8	P	U	7.8	7.8
309-00-2	Aldrin	NA	3.9	P	U	3.9	3.9
1024-57-3	Heptachlor Epoxide	1.708	7.8	P	U	7.8	7.8
959-98-8	Endosulfan I	NA	7.8	P	U	7.8	7.8
60-57-1	Dieldrin	NA	3.9	P	U	3.9	3.9
72-55-9	4,4' -DDE	1.397	5.3	P	J	2.3	2.3
72-20-8	Endrin	NA	7.8	P	U	7.8	7.8
33213-65-9	Endosulfan II	NA	7.8	P	U	7.8	7.8
72-54-8	4,4' -DDD	1.004	2.3	P	U	2.3	2.3
1031-07-8	Endosulfan Sulfate	1.117	7.8	P	U	7.8	7.8
50-29-3	4,4' -DDT	1.166	2.3	P	U	2.3	2.3
72-43-5	Methoxychlor	NA	39	P	U	39	39
53494-70-5	Endrin ketone	NA	7.8	P	U	7.8	7.8
7421-93-4	Endrin Aldehyde	NA	7.8	P	U	7.8	7.8
8001-35-2	Toxaphene	NA	160	P	U	160	160
5103-71-9	alpha-Chlordane	NA	3.9	P	U	3.9	3.9
5103-74-2	gamma-Chlordane	NA	3.9	P	U	3.9	3.9
57-74-9	Chlordane	NA	39	P	U	39	39
2051-24-3	Decachlorobiphenyl	1.118	106	P		%	%
877-09-8	Tetrachloro-m-xylene	1.432	100	P		%	%

72-55-9 Sample PQL Calc: $(3\text{raw} * 2\text{df} * 5\text{fv}) / (15.15\text{wt-vol} * 0.85\%\text{sol}) = 2.3$

72-55-9 Sample Result Calc: $((6.7941\text{raw} * 2\text{df} * 5\text{fv}) / (15.15\text{wt-vol} * 0.85\%\text{sol})) = 5.3$

Both channels need to have the compound detected for a concentration to be reported on either channel.
 U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
 U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
 P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: Method 6010D Metals

Lab Job ID: GCR50329

Lab ID	Field ID	Collection Date	Matrix
CR50329	SB-11/MW-11 8-9FT	8/26/2024	Soil
CR50330	SB-11/MW-11 11-12FT	8/26/2024	Soil
CR50331	SB-11/MW-11 14-15FT	8/26/2024	Soil
CR50332	SB-12/MW-12 6'-7'	8/26/2024	Soil
CR50333	SB-12/MW-12 9'-10'	8/26/2024	Soil
CR50334	SB-12/MW-12 13.5FT-15FT	8/26/2024	Soil
CR50335	SB-13/MW-13 8-9FT	8/26/2024	Soil
CR50336	SB-13/MW-13 11-12FT	8/26/2024	Soil
CR50337	SB-13/MW-13 14-15FT	8/26/2024	Soil
CR50339	SB-14/MW-14 7'-8'	8/26/2024	Soil
CR50340	SB-14/MW-14 9'-10'	8/26/2024	Soil
CR50341	SB-14/MW-14 14'-15'	8/26/2024	Soil

Reviewer Summary :

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

- It is noted the CRDL was not within recover limits of Mercury but detected within only one sample at a level 10X larger than MDL and PQL, no further qualification is needed.
- Within matrix samples failures in recovery within CR50493 led to qualification with sample CR50339-CR50341 for metal Lead as estimate bias low "J-" values.
- Lead failed %D of serial dilution under laboratory condition at 11.7% but passed SOP condition of less than 15%, thus no further qualification is needed.

Data is within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR50329



Method 6010D Metals

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of aqueous/TCLP/SPLP samples of 180 days preserved with nitric acid (pH>2)?	x			
Technical Hold Time of soil/sediment/wipe samples of 180 days ?	x			
B. Calibration				
Was an initial calibration done when system was set up or after CCV failure?	x			
Were 5 calibration standards and blank run at or below CRQL but above MDL?	x			
Were initial and continuous calibration verification (ICV and CCV) within NFG guidelines of %R (table 3)?	x			
C. Blanks				
Were contaminants found?		x		
Initial Calibration Blank (ICB) was analyzed after standards and run after ICV?	x			
Continuing Calibration Blank (CCB) was ran after every CCV every 2 hrs.	x			

Criteria	Y	N	NA	Comment
D. Laboratory Control Samples				CR49995,CR50337,CR49872,CR50795,CR50493
Was LCS analyzed for every group of aqueous/soil/ sediment /wipes samples in each SDG?(LCS is spiked 2X the CRQL for the associated matrix.)?	x			
Were %Rs within control limit of 70-130%? (Except for Sb and Ag , 50-150%)	x			
E. Matrix Spike/Matrix duplicate				CR49995,CR50337,CR49872,CR50795,CR50493
Were MS and MSD analyzed for SGD?	x			Failures in recovery within CR50493 led to qualification with sample CR50339-CR50341 for metal Lead as estimate bias low "J-" values. See attachment.
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?		x		
F. Duplicate Samples				CR49995,CR50337,CR49872,CR50795,CR50493
Was at least one duplicate sample run per matrix or SDG?	x			
Were control limit of 50% Relative Percent Difference between 'original' and duplicate?	x			
Were control limit CRQL of <5X found?	x			
G. Serial Dilution				CR49995,CR50337,CR49872,CR50795,CR50493
Was ICP serial dilution performed on each sample for each group of the same (aqueous/soil/sediment similar matrix or SDG?	x			Lead failed %D of serial dilution under laboratory condition at 11.7% but passed SOP condition of less than 15%, thus no further qualification is needed.
Was %D of original compared to dilution $\leq 10\%$?(%D > 15% may be used for soil)	x			
H. Performance Evaluation Sample				
Were PE samples analyzed with the field samples and field blanks in SDG?	x			
Were results within warning limits (95% confidence interval) and action limit (99% confidence interval)	x			

Criteria	Y	N	NA	Comment
I. Regional EPA QA/QC				
Were regional protocols of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
J. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in matrix samples. All results are within Cat. B criterion and usable.



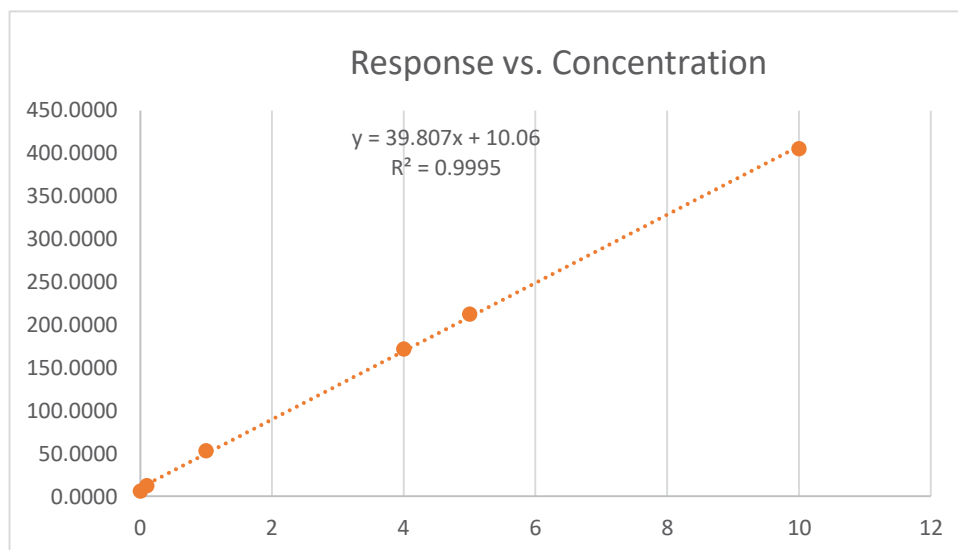
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 8/28/24 8:29

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	6.0198	0	-0.1015
STD85	12.2161	0.1000	0.0542
STD86	52.9750	1.0000	1.0781
STD87	171.6512	4.0000	4.0594
STD88	212.3556	5.0000	5.0819
STD89	405.2605	10.0000	9.9279





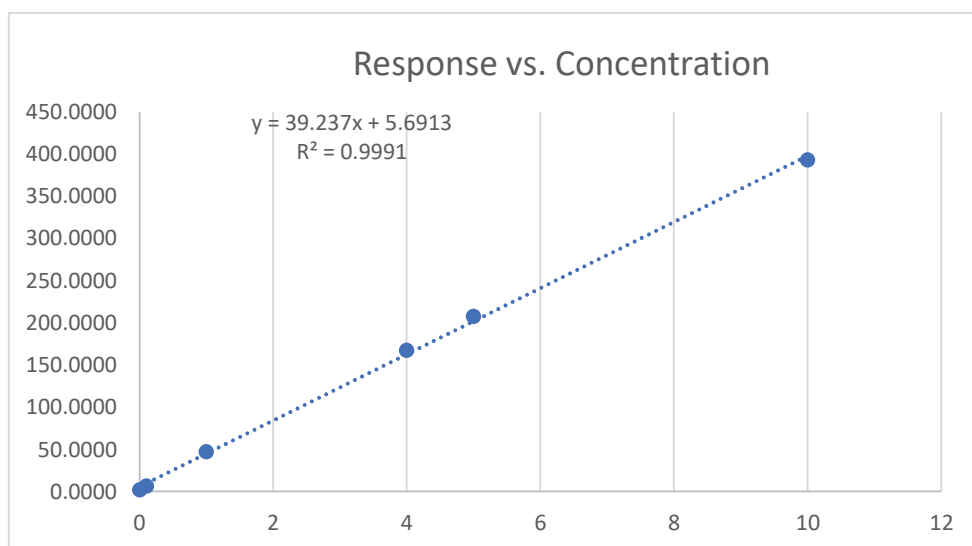
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 8/29/24 8:29

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	1.6728	0	-0.1024
STD85	6.1568	0.1000	0.0119
STD86	46.9432	1.0000	1.0513
STD87	167.4383	4.0000	4.1223
STD88	207.3805	5.0000	5.1402
STD89	393.2292	10.0000	9.8767



Reviewer Comment: Analyte Lead is qualified within samples CR50339-50341, as estimate “UJ” values due to recovery below QC limits within associated samples.

5A SPIKE SAMPLE RECOVERY

Client Id

CR50493

Lab Name: Phoenix Environmental Labs

Client: LABELLA

Lab Code: PhoenixSDG No.: GCR50329

Lab Sample Id: CR50493

Sample Matrix: SOIL

Date Received: 8/28/2024

Percent Solids: 84

Batch Id: 746751

Concentration Units (mg/L or mg/kg dry weight): mg/kg

[illegible]

Comments:

FORM V - IN

Reviewer Comment: Due to recovery below laboratory limit for associated spike samples, analyte Lead is qualified as estimate bias low "J-" value for within sample.

1
INORGANIC ANALYSIS DATA SHEET

Client Id

SB-14/MW-14 7'-8'

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix SDG No.: GCR50329

Lab Sample Id: CR50339 Sample Matrix: SOIL

Date Received: 8/27/2024 Percent Solids: 85.0

Concentration Units (mg/L or mg/kg dry weight): mg/Kg

[illegible]

FORM I - IN

Reviewer Comment: Due to recovery below laboratory limit for associated spike samples, analyte Lead is qualified as estimate bias low "J-" value for within sample.

1
INORGANIC ANALYSIS DATA SHEET

Client Id

SB-14/MW-14 14'-15'

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix SDG No.: GCR50329

Lab Sample Id: CR50341 Sample Matrix: SOIL

Date Received: 8/27/2024 Percent Solids: 84.0

Concentration Units (mg/L or mg/kg dry weight): mg/Kg

[illegible]

FORM I - IN

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E SIM, Isotope Dilution

Lab Job ID: GCR50329

Lab ID	Field ID	Collection Date	Matrix
CR50339	SB-14/MW-14 7'-8'	8/26/2024	Soil

Reviewer Summary:

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Internal standards within sample were below lower limits of laboratory criteria leading to qualification as non-detect estimate "UJ" value.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR50329



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?		X		
Cooling Temp $\leq 6^{\circ}\text{C}$?	X			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	X			
Were all samples analyzed within the 12 hour time period?	X			
Ion abundance criteria met?	X			
C. Initial Calibration				
Was a 5-point calibration conducted?	X			
RSD% within acceptable criterion?	X			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	X			
Was %D for target analytes within acceptable limit.	X			
Was RRF values meet for target analyte?	X			
Was the Initial Calibration Verification (ICV) done after the I.C.?	X			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	X			
Were (%D) and relative response factors (RRF) within acceptable criteria?	X			

Criteria	Y	N	NA	Comment
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(1,4-Dioxane-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				CR45185 MS/MSD
Were MS and MSD analyzed for SDG?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?	x			
I. Laboratory Control Sample				CR45185 LCS/ LCSD
Was LCS analysis for this SDG?	x			
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?	x			
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	

Criteria	Y	N	NA	Comment
K. Internal Standard				
Was area response within acceptance limits?		x		Internal standards within sample were below lower limits of laboratory criteria leading to qualification as non-detect estimate "UJ" value. See attachment.
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to internal standards below lower limits of laboratory criteria. All data were within Cat. B criterion and usable.

Calculation Spot Check

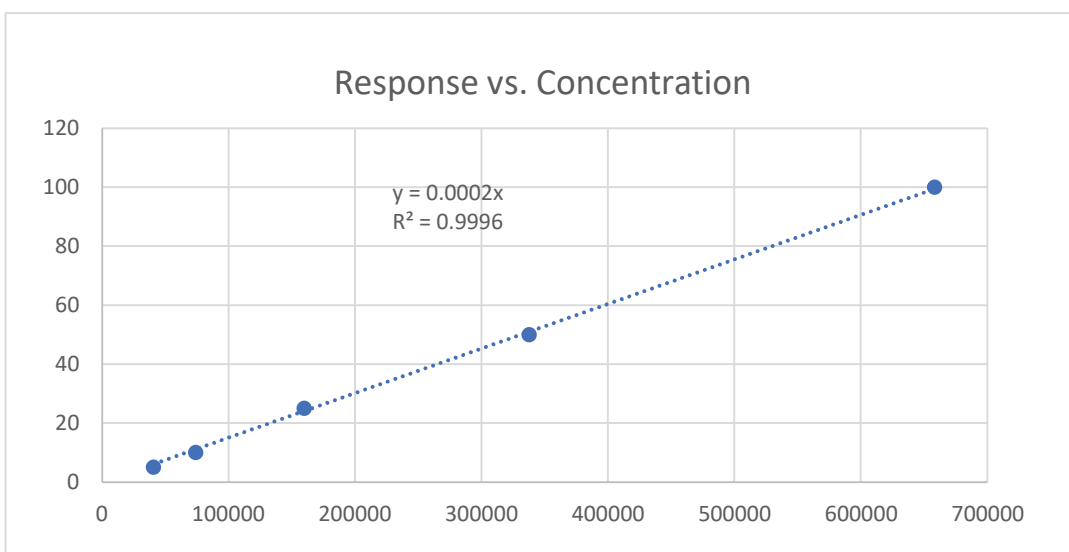
Instrument CHEM33

ICV Date and Time: 08/06/2024 10:25

Compound: 1,4-Dioxane



	Curve Evaluation	Response	Concentration
L1	2.506	7704	1
L2	2.316	40670	5
L3	2.202	73960	10
L4	2.126	159793	25
L5	2.085	337650	50
L6	1.960	658310	100
average	2.199		
RSD	8.7		



8B

1,4 DIOXANE (ISOTOPE) INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

Lab File ID (Standard): 33_DIOX_0806.M / 0906_06.D Date Analyzed: 09/06/24

Instrument ID: CHEM33 Time Analyzed: 11:25

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #	File ID
12 HOUR STD	42768	6.01			77439	7.81	0906_06.D
UPPER LIMIT	87674	6.51			158750	8.31	0906_06.D
LOWER LIMIT	21170	5.51			38332	7.31	0906_06.D
CLIENT ID							
01 CCAL 25	42768	6.01			77439	7.81	0906_06.D
02 CR45185 BLANK	17202 *	6.01			34109 *	7.82	0906_08.D
03 CR45185 LCS	17976 *	6.02			37161 *	7.92	0906_09.D
04 CR45185 LCSD	21907	6.01			42481	7.93	0906_10.D
05 CR45185 MS	16857 *	6.02			32680 *	7.92	0906_11.D
06 CR45185 MSD	19311 *	6.02			37981 *	7.88	0906_12.D
07 SB-14/MW-14 7`-8`	12982 *	6.01			28166 *	7.84	0906_17.D
08 CCCAL 25	8156 *	6.02			15407 *	7.95	0906_20.D
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = 1,4-Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
 * Values outside of QC limits.

FORM VIII SV

8C
1,4 DIOXANE (ISOTOPE) INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Phoenix Environmental Labs Client: _____

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR50329

Lab File ID (Standard): 33_DIOX_0806.M / 0906_06.D Date Analyzed: 09/06/24

Instrument ID: CHEM33 Time Analyzed: 11:25

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #	File ID
12 HOUR STD	140651	8.70					0906_06.D
UPPER LIMIT	288335	9.20					0906_06.D
LOWER LIMIT	69622	8.20					0906_06.D
CLIENT ID							
01 CCAL 25	140651	8.70					0906_06.D
02 CR45185 BLANK	60675 *	8.73					0906_08.D
03 CR45185 LCS	65680 *	8.90					0906_09.D
04 CR45185 LCSD	75593	8.90					0906_10.D
05 CR45185 MS	59196 *	8.87					0906_11.D
06 CR45185 MSD	67429 *	8.80					0906_12.D
07 SB-14/MW-14 7'-8'	52015 *	8.76					0906_17.D
08 CCCAL 25	30160 *	8.97					0906_20.D
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = 1,4-Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV

1

1

1,4 DIOXANE (ISOTOPE) ORGANICS ANALYSIS DATA SHEET

Client: LABELLA

Lab: Phoenix Env. Labs

SB-14/MW-14 7'-8'

SDG No.: GCR50329

Lab Sample ID: CR50339

Sample wt/vol: 15.22 (g/mL) g

Lab File ID: 0906_17.D

Concentrated Extract Volume: 1000 (uL)

Date Received: 08/27/24

% Moisture: 15

Date Extracted: 09/04/24

Instrument: CHEM33 Inj. Vol. 1.0 (uL)

Date Analyzed: 09/06/24

GPC Cleanup:(Y/N) N pH:

Dilution Factor: 1

Matrix: (soil/water) Soil

CONCENTRATION UNITS:(ug/L or ug/Kg) ug/Kg

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates, PC
Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab York NYLAP ID 12058)
Location: Newton Plaza Associates, LLC



Method Review : 1633

Lab Job ID: GCR50329

Lab ID	Field ID	Collection Date	Matrix
24H2004-01	CR50329	8/26/2024	Solid

Reviewer Summary:

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds, DEC's Sampling, Analysis, And Assessment of Per- and Polyfluoroalkyl Substances and method 1633.

- Within associated continuing calibrations, a few failures in recovery but none were detected within sample, no further qualification is needed.
- System monitoring compounds recovery of M2-4:2FTS was above laboratory criteria and MPFBA was below recovery of laboratory criteria but both are considered problematic in recovery thus no qualification needed.

All data is within category B criterion and usable.

Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab York NYLAP ID 12058)

Location: Newton Plaza Associates, LLC

Job ID: GCR48041



1633 Method

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp = 0°C - 6°C?	x			
B. Initial Calibration				
Was a 5-point calibration conducted?	x			
%RSD within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			
C. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Within associated continuing calibrations, a few failures in recovery but none were detected within sample, no further qualification is needed.
Were recoveries within acceptable criteria?		x		
D. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		

Criteria	Y	N	NA	Comment
E. Field Blanks/Trip Blank				
Was a field blank associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
F. Internal Standards (Isotope Dilution Recovery)				
Were internal standards percent recovery (%R) within QC limits?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	
H. Laboratory Control Sample (LCS)				
Was LCS analysis performed for this SDG?	x			
Was LCS analysis per analysis performed per batch?	x			
Was LCS (%R) within QC Limits?	x			
I. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	

Criteria	Y	N	NA	Comment
J. Compound Quantitation				
Were correct system monitoring compound, internal standards, quantitation ions, and RRF used in quantitate compounds?		x		Recovery of M2-4:2FTS recovery was above laboratory criteria and MPFBA was below recovery of laboratory criteria but both are considered problematic in recovery thus no qualification needed.
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
K. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: All results were within Cat. B criterion and usable.



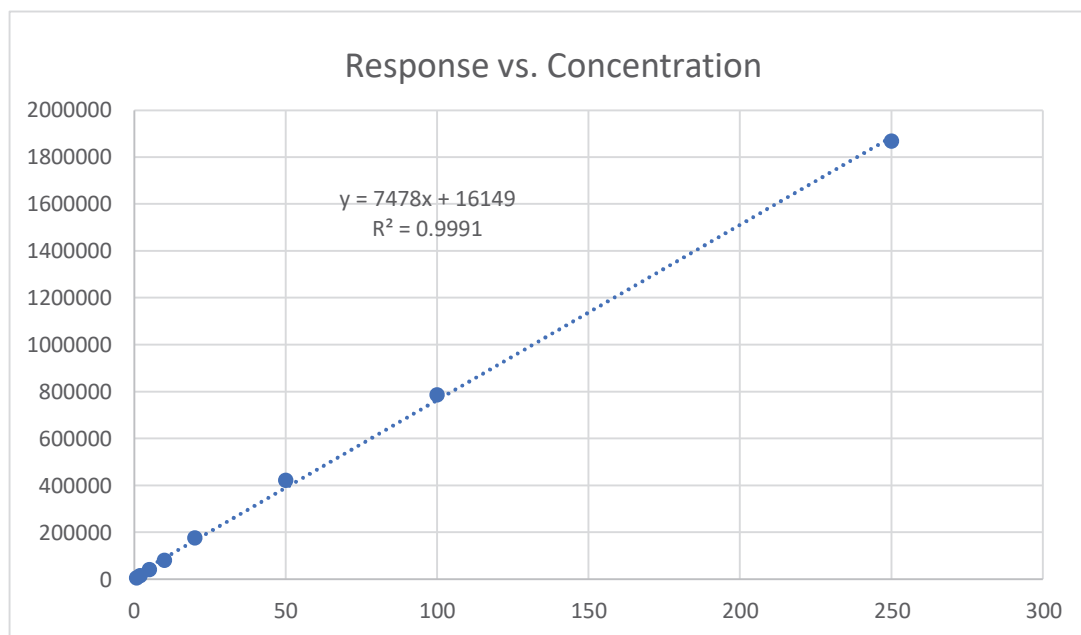
Calculation Spot Check

Instrument: LCQQQ

ICV Date and Time: 08/29/2024 8:00

Compound: PFBS

	Curve Evaluation	Response	Concentration
L1	0.9168241	6752	0.8
L2	0.8611386	16615	2
L3	0.883518	41534	5
L4	0.8731617	81864	10
L5	0.8972602	177110	20
L6	0.9260815	422656	50
L7	0.9098662	786606	100
L8	0.9158213	1869916	250
average	0.89795895		
RSD	2.6		



Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP
#NY11301)(sub lab York NYLAP ID 12058)

Location: Newton Plaza Associates, LLC



Method Review: SM 2540G

Lab Job ID: GCR50329

Lab ID	Field ID	Collection Date	Matrix
24H2004-01	CR50329	8/26/2024	Solid

Reviewer Summary:

Samples were handled and analyzed properly under National Functional Guideline for Organic Superfund Method Data Review.

- Duplicates of samples were run under 24H1946 and BH42092-DUP1, result is within acceptable quantities for SM 2540G results.

Data is within category B criterion and is usable.

Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab NYLAP ID 12058)

Location: Newton Plaza Associates, LLC

Job ID: GCR48041



Methods : SM 2540G

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Was sample run during technical hold time of aqueous/TCLP/SPLP samples?	x			
Was sample run during technical hold time soil/sediment/wipe samples?	x			
B. Precision test run				
Was balance checked with duplicate weights for accuracy or some other test run before sample processing.	x			
C. Duplicate Samples				
Was at least one duplicate sample is run per matrix or SDE?	x			Duplicates of samples were run under 24H1946 and BH42092-DUP1 result is within acceptable quantities for SM 2540G results.
Were control limit of 20% Relative Percent Difference between 'original' and duplicate?	x			
Were control limit CRQL of <5X found?	x			
D. Regional EPA QA/QC				
Were regional protocol of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
E. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.

Duplicate Comparison

	Original Sample 24H1946-09	Duplicate BH42092-DUP1	Relative Percent Difference
Solids, Percent	96.47	96.15	0.33

Reviewer comment: Comparing Duplicate pair 24H1946-09 and BH42092-DUP1 samples results are within acceptable quantities. There are no qualification which will be added to this data.



ENVIRONMENTAL
ASSESSMENT &
REMEDiations

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 05/09/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR81261_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR81261_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



**Newton Plaza Associates, LLC - Data Usability Summary Report for October 07, 2024,
Water Samples**

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Method Evaluated								
Lab ID	Field ID	Collection Date	Matrix	8260D	8270E	6010D&7470A	8081B	8082A
CR81261	MW-8	10/7/2024	water	x	x	x	x	x
CR81262	MW-12	10/7/2024	water	x	x	x	x	x
CR81263	MW-11	10/7/2024	water	x	x	x	x	x
CR81264	MW-7	10/7/2024	water	x	x	x	x	x
CR81265	MW-9	10/7/2024	water	x	x	x	x	x
CR81266	MW-10	10/7/2024	water	x	x	x	x	x
CR81267	MW-13	10/7/2024	water	x	x	x	x	x
CR81268	TRANSPORT BLANK	10/7/2024	water	x				

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)
- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)



- Method 6010D Inductively Coupled Plasma—Optical Emission Spectrometry, revision 5 (June 2018)
- Method 9060A Total Organic Carbon, revision 1 (November 2024)
- Method 7470A Mercury in Liquid Waste (Manual Cold-Vapor Technique) (September 1994)
- Method 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides by Gas Chromatography (February 2007)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets criterion for compliance with methods 8260D, 8270E, 6010D, 7470A, 8081.B, and 8082A with the exception of rejected data due to instrument issues as noted in sections 8260D and 8270E.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR81261**

Lab ID	Field ID	Collection Date	Matrix
CR81261	MW-8	10/7/2024	Water
CR81262	MW-12	10/7/2024	Water
CR81263	MW-11	10/7/2024	Water
CR81264	MW-7	10/7/2024	Water
CR81265	MW-9	10/7/2024	Water
CR81266	MW-10	10/7/2024	Water
CR81267	MW-13	10/7/2024	Water
CR81268	TRANSPORT BLANK	10/7/2024	water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration RRF did not meet recommended values for some analytes it did meet minimum, thus no further qualification needed. Also, %RSD did not meet criteria for some analytes, yet none were detected. No further qualification is need.
- Within continuous calibration opening CCV, Bromomethane and Methyl Ethyl Ketone did not meet %D criteria leading to qualification of non-detect estimate "UJ" values within samples. Also, RRF did not meet minimum RRF of several analytes which led to qualification as rejected "R" values within samples.
- Tentative identified compounds were detected but raw data was not presented thus evaluation of procedure cannot be made. Analytes detected in sample (MW-11) as estimate values, no further qualification is needed.

Data was qualified within category B criterion and is usable, except for rejected "R" values.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR81261



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			While RRF did not meet recommended values for some analytes it did meet minimum thus no qualification needed. Also, %RSD did not meet criteria for some analytes, yet none were detected. No further qualification is need.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Within opening CCV Bromomethane and Methyl Ethyl Ketone did not meet %D criteria leading to qualification of non-detect estimate "UJ" values within samples. Also, RRFs did not meet minimum RRF of several analytes which led to qualification as rejected "R" values within samples. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				TRANSPORTATION BLANK
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	

Criteria	Y	N	NA	Comment
H. Field Duplicate				
Were field duplicates identified in this SGD?		x		
Were target compounds detected in it? Were RSPs less than 50%?			x	
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?			x	
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?	x			Raw data was not presented thus evaluation of procedure cannot be made. Analytes detected in sample (MW-11) are estimate "J" values, no further qualification is needed.
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in laboratory criteria within continuous calibration. Data is usable, except for rejected values.

Calculation Spot Check

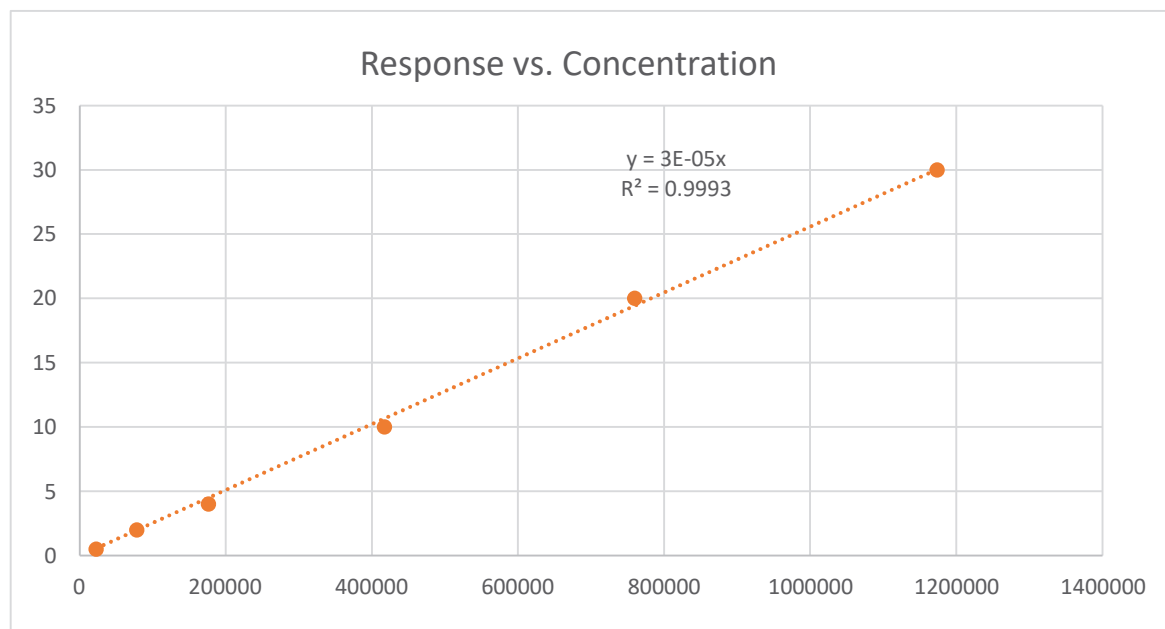
Instrument: CHEM17

ICV Date and time :10/07/24 11:37

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.974	22464	0.5
L2	0.897	77966	2
L3	1.037	176304	4
L4	1.005	416944	10
L5	0.946	759535	20
L6	0.944	1173756	30
average	0.967		
RSD	5.1		



Reviewer Comment: Qualification of analytes Bromoethane and Methyl Ethyl Ketone of non-detect estimate "UJ" values within samples is due to %D results above laboratory limit. Qualification of other analytes as rejected "R" value within samples is due RRF not meeting minimum values.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR81261

Instrument: CHEM17 Calibration Date: 10/08/24 Time: 18:57

Lab File Id: 1008_28.D Init. Calib. Date(s): 10/07/24 10/07/24

Heated Purge (Y/N): N Init. Calib. Times: 11:37 13:43

GC Column: RTX-VMS Method File: VT-100724P.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS	
Pentafluorobenzene (IS Area/Area%)	415033	422520	n.a.	101.8	50-200	
1,4-Difluorobenzene (IS Area/Area%)	689044	671458	n.a.	97.4	50-200	
Chlorobenzene-d5 (IS Area/Area%)	661753	633710	n.a.	95.8	50-200	
1,4-Dichlorobenzene-d4 (IS Area/Area%)	307850	288726	n.a.	93.8	50-200	
1,4-Dioxane d8 (IS Area/Area%)	38030	28384	n.a.	74.6	n.a.	
Dichlorodifluoromethane	0.850	0.868	0.010	-2.1	20 (60)	
Chloromethane	0.967	0.982	0.010	-1.6	20 (60)	
Vinyl Chloride	0.843	0.874	0.010	-3.7	20 (40)	
Bromomethane	0.330	0.225	0.010	31.8 +	20 (60)	
Chloroethane	0.442	0.484	0.010	-9.5	20 (40)	
Trichlorofluoromethane	0.971	0.973	0.010	-0.2	20 (40)	
1,1-Dichloroethene	0.564	0.582	0.060	-3.2	20 (40)	
Trichlorotrifluoroethane	0.416	0.396	0.050	4.8	20 (40)	
Carbon Disulfide	1.541	1.598	0.100	-3.7	20 (40)	
Acrolein	0.027	0.023	*	0.050	14.8	20 (40)
Methylene Chloride	0.512	0.480	0.010	6.3	20 (40)	
Acetone	0.048	0.041	0.010	14.6	20 (60)	
Trans-1,2-Dichloroethene	0.598	0.621	0.100	-3.8	20 (40)	
Methyl t-Butyl Ether (MTBE)	0.751	0.636	0.100	15.3	20 (40)	
1,1-Dichloroethane	1.128	1.155	0.300	-2.4	20 (40)	
Acrylonitrile	0.064	0.054	0.050	15.6	20 (40)	
Cis-1,2-Dichloroethene	0.607	0.601	0.200	1.0	20 (40)	
2,2-Dichloropropane	0.800	0.697	0.050	12.9	20 (40)	
Bromochloromethane	0.175	0.159	0.100	9.1	20 (40)	
Chloroform	0.961	0.961	0.300	0.0	20 (40)	
Carbon Tetrachloride	0.695	0.694	0.100	0.1	20 (40)	
Tetrahydrofuran (THF)	0.047	0.034	*	0.050	27.7 +	20 (40)
1,1,1-Trichloroethane	0.898	0.903	0.050	-0.6	20 (40)	
Methyl Ethyl Ketone	0.064	0.050	0.010	21.9 +	20 (60)	
1,1-Dichloropropene	0.500	0.517	0.050	-3.4	20 (40)	
Benzene	1.422	1.466	0.200	-3.1	20 (40)	
1,2-Dichloroethane	0.270	0.259	0.070	4.1	20 (40)	
Trichloroethene	0.353	0.358	0.200	-1.4	20 (40)	
Dibromomethane	0.118	0.106	0.050	10.2	20 (40)	
1,2-dichloropropane	0.362	0.342	0.200	5.5	20 (40)	

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM17 Calibration Date: 10/08/24 Time: 18:57

Lab File Id: 1008_28.D Init. Calib. Date(s): 10/07/24 10/07/24

Heated Purge (Y/N): N Init. Calib. Times: 11:37 13:43

GC Column: RTX-VMS Method File: VT-100724P.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Bromodichloromethane	0.352	0.331	0.300	6.0	20 (40)
cis-1,3-Dichloropropene	0.436	0.406	0.300	6.9	20 (40)
Toluene	0.945	0.964	0.300	-2.0	20 (40)
4-Methyl-2-Pentanone	0.107	0.088	0.030	17.8	20 (60)
Tetrachloroethene	0.312	0.312	0.100	0.0	20 (40)
trans-1,3-Dichloropropene	0.272	0.245	* 0.300	9.9	20 (40)
1,1,2-Trichloroethane	0.167	0.151	* 0.200	9.6	20 (40)
Dibromochloromethane	0.184	0.170	* 0.200	7.6	20 (40)
1,3-Dichloropropane	0.316	0.295	0.050	6.6	20 (40)
1,2-Dibromoethane	0.164	0.150	* 0.200	8.5	20 (40)
2-Hexanone	0.074	0.062	0.010	16.2	20 (60)
Chlorobenzene	0.943	0.950	0.400	-0.7	20 (40)
Ethylbenzene	0.578	0.600	0.400	-3.8	20 (40)
1,1,1,2-Tetrachloroethane	0.248	0.240	0.050	3.2	20 (40)
m&p-Xylene	0.684	0.708	0.200	-3.5	20 (40)
o-Xylene	0.683	0.702	0.200	-2.8	20 (40)
Styrene	0.954	0.958	0.200	-0.4	20 (40)
Bromoform	0.072	0.062	* 0.100	13.9	20 (40)
Isopropylbenzene	1.038	1.138	0.400	-9.6	20 (40)
Bromobenzene	0.699	0.728	0.050	-4.1	20 (40)
n-Propylbenzene	1.036	1.110	0.050	-7.1	20 (40)
1,1,2,2-Tetrachloroethane	0.350	0.323	0.200	7.7	20 (40)
2-Chlorotoluene	0.844	0.889	0.050	-5.3	20 (40)
1,3,5-Trimethylbenzene	3.013	3.209	0.050	-6.5	20 (40)
1,2,3-Trichloropropane	0.266	0.244	0.050	8.3	20 (40)
trans-1,4-Dichloro-2-butene	0.070	0.058	0.050	17.1	20 (40)
4-Chlorotoluene	0.832	0.875	0.050	-5.2	20 (40)
tert-Butylbenzene	2.674	2.859	0.050	-6.9	20 (40)
1,2,4-Trimethylbenzene	2.996	3.157	0.050	-5.4	20 (40)
sec-Butylbenzene	4.036	4.203	0.050	-4.1	20 (40)
p-Isopropyltoluene	3.345	3.471	0.050	-3.8	20 (40)
1,3-Dichlorobenzene	1.453	1.463	0.500	-0.7	20 (40)
1,4-Dichlorobenzene	1.379	1.384	0.600	-0.4	20 (40)
2-Isopropyltoluene	3.050	3.172	0.050	-4.0	20 (40)
n-Butylbenzene	3.066	3.137	0.050	-2.3	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-8
SDG No.:	GCR81261	Lab Sample ID:	CR81261	
Sample wt/vol:	25 (g/mL)	mL	Lab File ID:	1008_38.D
Level: (low/med/meth):	Low	Date Received:	10/08/24	
% Moisture:	n.a.	Date Analyzed:	10/08/24	
Instrument:	CHEM17	Column:	RTX-VMS	Dilution Factor:
Purge Volume	25000 (uL)	pH:	< 2	Soil Aliquot Vol:
Matrix: (soil/water)	Water	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	R 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	R 2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U J	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-8

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81261

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_38.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/08/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U R	0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U R	2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analytes Bromoethane and Methyl Ethyl Ketone of non-detect estimate "UJ" values is due to %D results above laboratory limit within CCV. Qualification of other analytes as rejected "R" values is due RRF not meeting minimum values within associated CCVs.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	MW-12
SDG No.:	<u>GCR81261</u>	Lab Sample ID:	<u>CR81262</u>	
Sample wt/vol:	<u>25</u> (g/mL) <u>mL</u>	Lab File ID:	<u>1008_39.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>10/08/24</u>	
% Moisture:	<u>n.a.</u>	Date Analyzed:	<u>10/08/24</u>	
Instrument:	<u>CHEM17</u>	Column:	<u>RTX-VMS</u>	Dilution Factor: <u>1</u>
Purge Volume	<u>25000</u> (uL)	pH:	<u>< 2</u>	Soil Aliquot Vol: <u>n.a.</u> (uL)
Matrix: (soil/water)	<u>Water</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	R 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	R 2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U J	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-12

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81262

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_39.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/08/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	R 0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	R 2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-11

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81263

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_40.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/09/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U R	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U R	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U J	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-11

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81263

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_40.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/09/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U R	0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U R	2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	0.82	J	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	0.26	J	0.25	1.0	r
104-51-8	n-Butylbenzene	0.35	J	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analytes Bromoethane and Methyl Ethyl Ketone of non-detect estimate "UJ" values is due to %D results above laboratory limit within CCV. Qualification of other analytes as rejected "R" values is due RRF not meeting minimum values within associated CCVs.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-7
SDG No.:	GCR81261	Lab Sample ID:	CR81264	
Sample wt/vol:	25	(g/mL)	mL	Lab File ID:
Level: (low/med/meth):	Low	Date Received:	10/08/24	
% Moisture:	n.a.	Date Analyzed:	10/09/24	
Instrument:	CHEM17	Column:	RTX-VMS	Dilution Factor:
Purge Volume	25000	(uL)	pH: < 2	Soil Aliquot Vol:
Matrix: (soil/water)	Water	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	R 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	R 2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U J	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-7

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81264

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_41.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/09/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	R 0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	R 2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	MW-9
SDG No.:	<u>GCR81261</u>	Lab Sample ID:	<u>CR81265</u>	
Sample wt/vol:	<u>25</u> (g/mL) <u>mL</u>	Lab File ID:	<u>1008_42.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>10/08/24</u>	
% Moisture:	<u>n.a.</u>	Date Analyzed:	<u>10/09/24</u>	
Instrument:	<u>CHEM17</u>	Column:	<u>RTX-VMS</u>	Dilution Factor:
				<u>1</u>
Purge Volume	<u>25000</u> (uL)	pH:	<u>< 2</u>	Soil Aliquot Vol:
				<u>n.a.</u> (uL)
Matrix: (soil/water)	<u>Water</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	R 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	R 2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U J	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-9

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81265

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_42.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/09/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	R 0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	R 2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analytes Bromoethane and Methyl Ethyl Ketone of non-detect estimate "UJ" values is due to %D results above laboratory limit within CCV. Qualification of other analytes as rejected "R" values is due RRF not meeting minimum values within associated CCVs.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	MW-10
SDG No.:	<u>GCR81261</u>	Lab Sample ID:	<u>CR81266</u>	
Sample wt/vol:	<u>25</u> (g/mL) <u>mL</u>	Lab File ID:	<u>1008_43.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>10/08/24</u>	
% Moisture:	<u>n.a.</u>	Date Analyzed:	<u>10/09/24</u>	
Instrument:	<u>CHEM17</u>	Column:	<u>RTX-VMS</u>	Dilution Factor:
				<u>1</u>
Purge Volume	<u>25000</u> (uL)	pH:	<u>< 2</u>	Soil Aliquot Vol:
				<u>n.a.</u> (uL)
Matrix: (soil/water)	<u>Water</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	UJ	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	R 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	R 2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	UJ	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-10

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81266

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_43.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/09/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	R 0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	R 2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analytes Bromoethane and Methyl Ethyl Ketone of non-detect estimate "UJ" values is due to %D results above laboratory limit within CCV. Qualification of other analytes as rejected "R" values is due RRF not meeting minimum values within associated CCVs.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-13

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81267

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_44.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/09/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	UJ	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	R 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	R 2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	UJ	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-13

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81267

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_44.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/09/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	R 0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	R 2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of analytes Bromoethane and Methyl Ethyl Ketone of non-detect estimate "UJ" values is due to %D results above laboratory limit within CCV. Qualification of other analytes as rejected "R" values is due RRF not meeting minimum values within associated CCVs.

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	TRANSPORT BLANK
SDG No.:	<u>GCR81261</u>	Lab Sample ID:	<u>CR81268</u>	
Sample wt/vol:	<u>25</u> (g/mL) <u>mL</u>	Lab File ID:	<u>1008_33.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>10/08/24</u>	
% Moisture:	<u>n.a.</u>	Date Analyzed:	<u>10/08/24</u>	
Instrument:	<u>CHEM17</u>	Column:	<u>RTX-VMS</u>	Dilution Factor:
				<u>1</u>
Purge Volume	<u>25000</u> (uL)	pH:	<u>< 2</u>	Soil Aliquot Vol:
				<u>n.a.</u> (uL)
Matrix: (soil/water)	<u>Water</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	UJ	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	R 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	R 2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	UJ	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

TRANSPORT BLANK

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR81261 Lab Sample ID: CR81268

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1008_33.D

Level: (low/med/meth): Low Date Received: 10/08/24

% Moisture: n.a. Date Analyzed: 10/08/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	R 0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	R 2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E

Lab Job ID: GCR81261

Lab ID	Field ID	Collection Date	Matrix
CR81261	MW-8	10/7/2024	Water
CR81262	MW-12	10/7/2024	Water
CR81263	MW-11	10/7/2024	Water
CR81264	MW-7	10/7/2024	Water
CR81265	MW-9	10/7/2024	Water
CR81266	MW-10	10/7/2024	Water
CR81267	MW-13	10/7/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Within ICV of instrument CHEM36 compounds Bis(2-chloroisopropyl)ether and 2-Nitrophenol did not reach minimum RRF value within ICV leading to qualification within samples MW-7,-9,-10 and -13 as rejected "R" values.
 - Several analytes did not meet %D criteria of their associated continuous calibration which led to qualification within all samples depending on their associated CCV.
 - Surrogate %2,4,6-Tribromophenol within sample MW-11 experience interference in recovery. No qualification is needed.
 - Hexachlorocyclopentadiene is qualified as rejected "R" values within samples MW-8,-11, and -12 due to recovery below laboratory limits within laboratory control sample CR79555. Several samples were recovered below laboratory limits of laboratory control sample CR81264, this led to qualification of these analytes within samples MW-7,-9,-10,-13 as rejected "R" values.
- Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR81261



8270E

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM36 compounds Bis(2-chloroisoprpyl)ether and 2-Nitrophenol did not reach minimum RRF value within ICV leading to qualification within samples MW-7,-9,-10 and -13 as rejected "R" values. See attachment.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Several analytes did not meet %D criteria which led to qualification within all samples depending on their associated CCV. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?				
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			Surrogate %2,4,6-Tribromophenol within sample MW-11 experience interference in recovery. No qualification is needed.
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?		x		
H. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples ?			x	
Were MS/MSD (%R) and RPD within QC?			x	

Criteria	Y	N	NA	Comment
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Hexachlorocyclopentadiene is qualified as rejected "R" values within samples MW-8,-11, and -12 due to recovery below laboratory limits within laboratory control sample CR79555. Several samples were recovered below laboratory limits of laboratory control sample CR81264, this led to qualification of these analytes within samples MW-7,-9,-10,-13 as rejected "R" values. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			

Criteria	Y	N	NA	Comment
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure within initial calibration, continuous calibrations and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

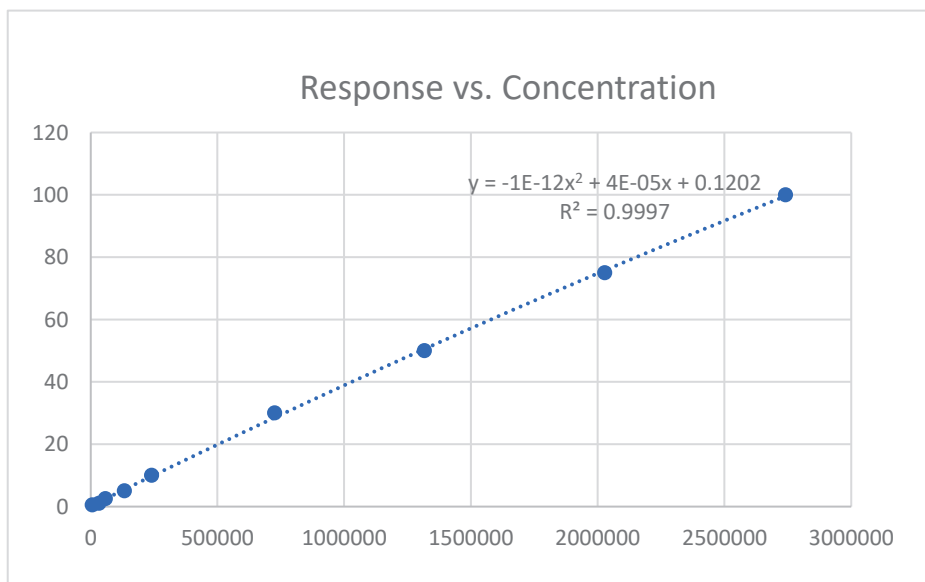
Instrument CHEM06

ICV Date and Time: 9/11/2024 23:40

Compound: Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	0.968	7415	0.5
L2	1.909	33941	1
L3	1.638	59302	2.5
L4	1.552	134403	5
L5	1.634	241243	10
L6	1.689	726641	30
L7	1.638	1317354	50
L8	1.590	2028613	75
L9	1.638	2741843	100
average	1.584		
RSD	15.9		



Calculation Spot Check

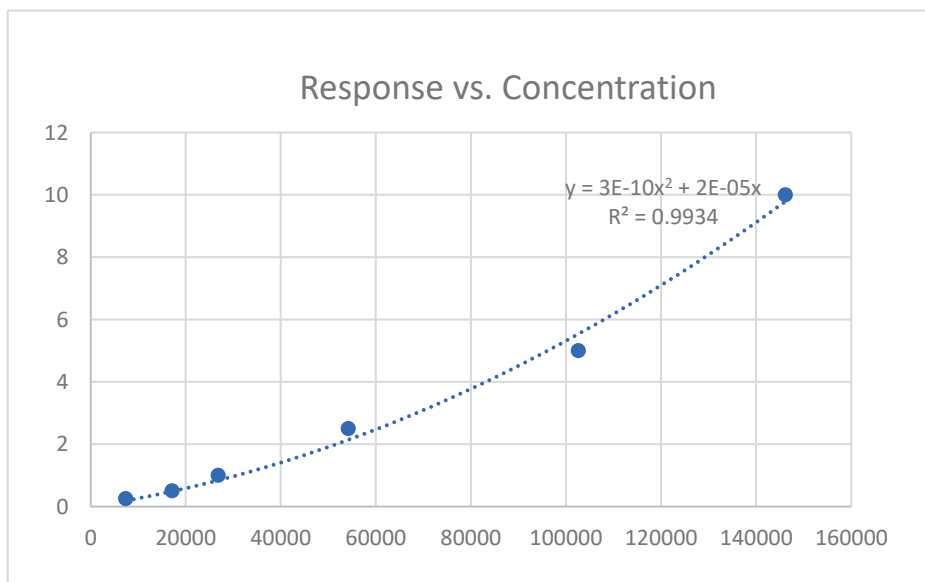
Instrument CHEM27

ICV Date and Time: 9/09/2024 11:23

Compound: Nitrobenzene



	Curve Evaluation (RF)	Response	Concentration
L1	0.398	7406	0.25
L2	0.412	17188	0.5
L3	0.381	26872	1
L4	0.337	54253	2.5
L5	0.298	102657	5
L6	0.239	146211	10
average	0.344		
RSD	19.3		





Calculation Spot Check

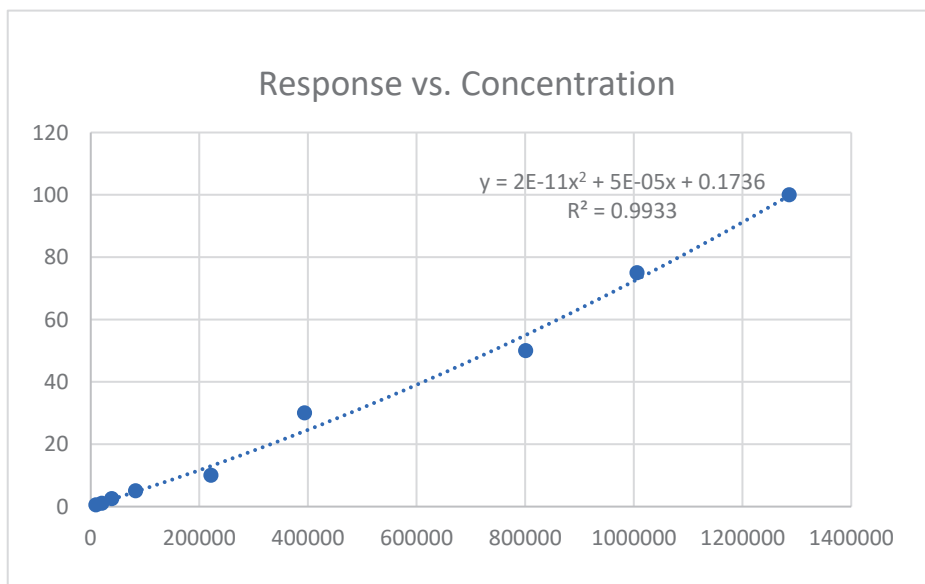
Instrument CHEM36

ICV Date and Time: 8/23/2024 17:09

Compound: Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	1.446	10276	0.5
L2	1.602	20950	1
L3	1.451	39441	2.5
L4	1.517	83090	5
L5	1.586	222063	10
L6	1.529	394120	30
L7	1.378	801455	50
L8	1.512	1006260	75
L9	1.514	1286531	100
average	1.504		
RSD	4.7		



Calculation Spot Check

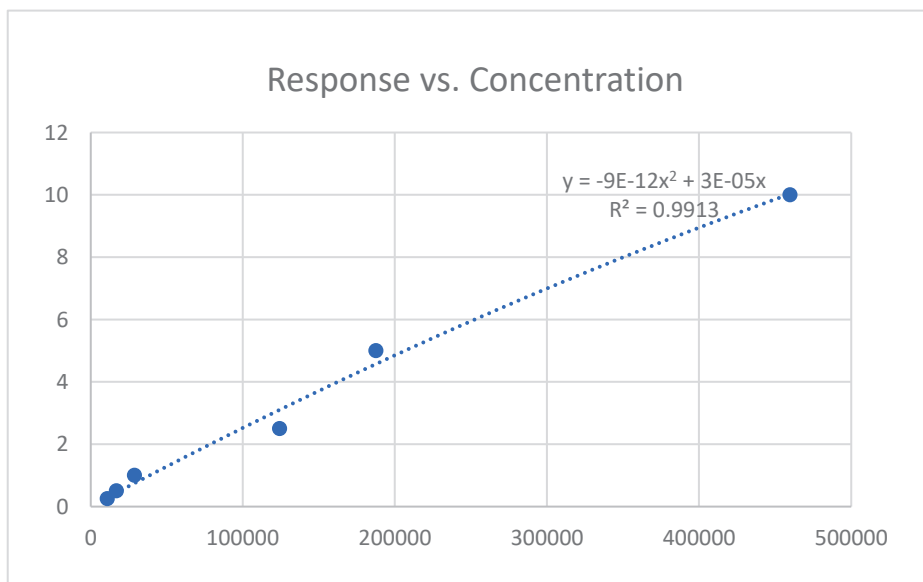
Instrument CHEM69

ICV Date and Time: 9/08/2024 14:33

Compound: Nitrobenzene



	Curve Evaluation (RF)	Response	Concentration
L1	0.359	11069	0.25
L2	0.358	17130	0.5
L3	0.358	28947	1
L4	0.348	124339	2.5
L5	0.315	187697	5
L6	0.282	459964	10
average	0.337		
RSD	9.4		



Reviewer Comment: Due to RRF not meeting minimum values within ICV analytes Bis(2-chloroisopropyl)ether and 2-Nitrophenol led to qualification within samples MW-7,-9,-10 and -13 as rejected "R" values.

6B
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (FULL SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLA
Lab Code: Phoenix Case No.: SAS No.: GCR81261
Instrument ID: CHEM36 Calibration Date(s): 08/23/24 09/25/24
Heated Purge (Y/N): n.a. Calibration Time(s): 17:09 16:35

GC Column: RX1-SVOCMS 1 Method File: 36_SVFULL_0925.M
LAB FILE ID:

RRF 0.5		0925_13.D	RRF 1	0925_12.D	RRF 2.5	RRF 5	RRF 10	RRF 30	RRF 50	RRF 75	0925_10.D	RRF 10	0925_09.D
RRF 30		0925_08.D	RRF 50	0925_07.D	RRF 75	RRF 100	RRF 100	RRF 100	RRF 100	RRF 100	RRF 100	RRF 100	RRF 100
COMPOUND		RRF 0.5	RRF 1	RRF 2.5	RRF 5	RRF 10	RRF 30	RRF 50	RRF 75	RRF 100		RRF	% RSD
Pyridine			1.574	1.401	1.339	1.380	1.389	1.320	1.341	1.373		1.390	5.7
Phenol		1.446	1.602	1.451	1.517	1.586	1.529	1.378	1.512	1.514		1.504	4.7
Bis(2-chloroethyl)ether	*	0.641	0.694	0.689	0.657	0.692	0.656	0.668	0.659	0.653		0.668	2.9
Aniline			1.389	1.358	1.441	1.880	1.753	1.768	1.658	1.630		1.610	12.0
2-Chlorophenol		1.205	1.391	1.285	1.295	1.344	1.306	1.307	1.288	1.297		1.302	3.8
1,3-Dichlorobenzene		1.497	1.602	1.544	1.495	1.522	1.493	1.464	1.446	1.451		1.502	3.3
1,4-Dichlorobenzene		1.628	1.643	1.554	1.560	1.581	1.528	1.477	1.488	1.482		1.549	4.0
1,2-Dichlorobenzene		1.572	1.627	1.487	1.480	1.464	1.441	1.413	1.394	1.412		1.477	5.3
2-Methylphenol (o-cresol)			1.045	0.950	1.001	1.034	0.990	1.012	0.978	0.980		0.999	3.1
Bis(2-chloroisopropyl)ether		1.047	1.225	1.079	1.068	1.086	1.031	1.043	1.018	1.025		1.069	5.9
N-Nitrosodi-n-propylamine		0.795	0.879	0.808	0.811	0.847	0.805	0.836	0.795	0.812		0.821	3.4
3&4-Methylphenol (m&p-cresol)			1.246	0.960	1.047	1.122	1.067	1.112	1.090	1.071		1.089	7.4
Acetophenone			1.800	1.616	1.685	1.811	1.682	1.750	1.654	1.649		1.706	4.3
Hexachloroethane		0.616	0.600	0.571	0.573	0.554	0.538	0.539	0.532	0.541		0.563	5.3
Isophorone			0.691	0.640	0.634	0.677	0.578	0.630	0.594	0.593		0.630	6.4
2-Nitrophenol	*		0.087	0.060	0.070	0.072	0.064	0.069	0.066	0.067		0.069	11.5
2,4-Dimethylphenol		0.357	0.387	0.341	0.319	0.352	0.296	0.314	0.297	0.296		0.329	9.8
Bis(2-chloroethoxy)methane			0.404	0.382	0.386	0.400	0.346	0.390	0.363	0.368		0.380	5.2
Benzoic Acid	qi		1.28	2.18	4.11	10.42	26.81	55.32	74.51	98.77		Coef R2	0.99
2,4-Dichlorophenol		0.259	0.312	0.282	0.297	0.309	0.274	0.311	0.297	0.302		0.294	6.3
1,2,4-Trichlorobenzene			0.379	0.348	0.354	0.361	0.316	0.349	0.333	0.337		0.347	5.5
Naphthalene		1.209	1.289	1.175	1.162	1.174	0.984	0.990	0.923	0.866		1.086	13.5

* The minimum RRF was not met for this compound. (#) The maximum %RSD was not met for this compound
(i) linear (ii) linear inverse conc weight squared (q) quadratic (qi) quadratic inverse conc weight (qi2) quadratic inverse conc weight squared
Compounds not using average response (i, ii, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK (FULL SCAN)
Full Scan

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM06 Calibration Date: 10/11/24 Time: 09:45

Lab File Id: 1011_04.D Init. Calib. Date(s): 09/11/24 10/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:40 23:25

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_1009.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4 (IS Areas & Pct)	573524	538052	n.a.	93.8	50-200
Naphthalene-d8 (IS Areas & Pct)	2103144	1944467	n.a.	92.5	50-200
Acenaphthene-d10 (IS Areas & Pct)	1147274	994211	n.a.	86.7	50-200
Phenanthrene-d10 (IS Areas & Pct)	1684659	1427914	n.a.	84.8	50-200
Chrysene-d12 (IS Areas & Pct)	1664679	1300322	n.a.	78.1	50-200
Perylene-d12 (IS Areas & Pct)	1899387	1392012	n.a.	73.3	50-200
Pyridine qi	30	38.83		-29.4 #	20
Phenol	1.584	1.851	0.800	-16.9	20 (40)
Bis(2-chloroethyl)ether	1.257	1.312	0.700	-4.4	20 (40)
Aniline	1.684	2.291	0.010	-36.0 +	20 (40)
2-Chlorophenol	1.497	1.549	0.800	-3.5	20 (40)
1,3-Dichlorobenzene	1.583	1.627	0.010	-2.8	20 (40)
1,4-Dichlorobenzene	1.578	1.626	0.010	-3.0	20 (40)
1,2-Dichlorobenzene	1.537	1.577	0.010	-2.6	20 (40)
2-Methylphenol (o-cresol)	1.071	1.158	0.700	-8.1	20 (40)
Bis(2-chloroisopropyl)ether	4.033	4.071	0.010	-0.9	20 (40)
N-Nitrosodi-n-propylamine	1.287	1.236	0.500	4.0	20 (40)
3&4-Methylphenol (m&p-cresol)	1.401	1.529	0.600	-9.1	20 (40)
Acetophenone	2.231	2.505	0.010	-12.3	20 (40)
Hexachloroethane	1.054	0.970	0.300	8.0	20 (40)
Isophorone	0.794	0.810	0.400	-2.0	20 (40)
2-Nitrophenol	0.228	0.227	0.100	0.4	20 (40)
2,4-Dimethylphenol	0.416	0.459	0.200	-10.3	20 (40)
Bis(2-chloroethoxy)methane	0.407	0.424	0.300	-4.2	20 (40)
Benzoic Acid qi	30	29.78		0.7	20
2,4-Dichlorophenol	0.266	0.272	0.200	-2.3	20 (40)
1,2,4-Trichlorobenzene	0.292	0.264	0.010	9.6	20 (40)
Naphthalene	1.040	1.116	0.700	-7.3	20 (40)
4-Chloroaniline qi	30	27.45		8.5	20
4-Chloro-3-methylphenol	0.352	0.366	0.200	-4.0	20 (40)
2-Methylnaphthalene	0.703	0.720	0.400	-2.4	20 (40)
1,2,4,5-Tetrachlorobenzene	0.258	0.265	0.010	-2.7	20 (40)
2,4,6-Trichlorophenol qi	30	32.17		-7.2	20
2,4,5-Trichlorophenol qi	30	30.05		-0.2	20
2-Chloronaphthalene	1.123	1.194	0.800	-6.3	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK (FULL SCAN)
Full Scan

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM06 Calibration Date: 10/11/24 Time: 09:45

Lab File Id: 1011_04.D Init. Calib. Date(s): 09/11/24 10/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:40 23:25

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_1009.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
4-Nitroaniline	0.655	0.708	0.010	-8.1	20 (40)
Dimethylphthalate	1.372	1.440	0.010	-5.0	20 (40)
2,6-Dinitrotoluene	0.287	0.278	0.200	3.1	20 (40)
3-Nitroaniline	0.338	0.300	0.010	11.2	20 (40)
Acenaphthene	1.027	1.124	0.900	-9.4	20 (40)
2,4-Dinitrophenol qi	30	31.73		-5.8	20
Dibenzofuran	1.442	1.481	0.800	-2.7	20 (40)
2,4-Dinitrotoluene	0.410	0.418	0.200	-2.0	20 (40)
4-Nitrophenol qi	30	30.18		-0.6	20
Diethyl phthalate	1.595	1.727	0.010	-8.3	20 (40)
Fluorene	1.320	1.389	0.900	-5.2	20 (40)
4-Chlorophenyl phenyl ether qi	30	25.86		13.8	20
2-Nitroaniline	0.711	0.577	0.010	18.8	20 (40)
4,6-Dinitro-2-methylphenol qi	30	28.04		6.5	20
N-Nitrosodiphenylamine	0.862	0.882	0.010	-2.3	20 (40)
Azobenzene qi	30	37.34		-24.5 #	20
4-Bromophenyl phenyl ether	0.228	0.197	0.100	13.6	20 (40)
Pentachloronitrobenzene qi	30	33.19		-10.6	20
Anthracene	1.107	1.179	0.700	-6.5	20 (40)
Carbazole	1.025	1.093	0.010	-6.6	20 (40)
Di-n-butylphthalate qi	30	34.55		-15.2	20
Fluoranthene	1.029	1.050	0.600	-2.0	20 (40)
Pyrene	1.098	1.109	0.600	-1.0	20 (40)
Benzyl butyl phthalate	0.929	1.038	0.010	-11.7	20 (40)
Bis(2-ethylhexyl)phthalate	1.315	1.510	0.010	-14.8	20 (40)
Di-n-octylphthalate	2.195	2.416	0.010	-10.1	20 (40)
3,3'-dichlorobenzidine	0.514	0.462	0.010	10.1	20 (40)
% 2-Fluorophenol	1.265	1.423	0.010	-12.5	20 (40)
% Phenol-d5	1.463	1.654	0.010	-13.1	20 (40)
% Nitrobenzene-d5	2.161	2.037	0.010	5.7	20 (40)
% 2-Fluorobiphenyl	1.255	1.224	0.010	2.5	20 (40)
% 2,4,6-Tribromophenol	0.280	0.277	0.010	1.1	20 (40)
% Terphenyl-d14	0.996	0.917	0.010	7.9	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

Reviewer Comment: Qualification of a non-detect estimate "UJ" value within associated samples (MW-7, -9, -10, -13) is due to %D results above laboratory limit for analyte(s) within CCV unless already qualifies. Qualification of internal standard not needed.

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK (SIM SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM27 Calibration Date: 10/14/24 Time: 10:55

Lab File Id: 1014_06.D Init. Calib. Date(s): 09/09/24 09/09/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 11:23 14:23

GC Column: RTX-5MS Method File: 27_SIM18_0909.M

COMPOUND		RRF	RRF2.5	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4	(IS Areas & Pct)	61871	66435	n.a.	107.4	50-200
Naphthalene-d8	(IS Areas & Pct)	257913	292549	n.a.	113.4	50-200
Acenaphthene-d10	(IS Areas & Pct)	141229	166342	n.a.	117.8	50-200
Phenanthrene-d10	(IS Areas & Pct)	228294	274567	n.a.	120.3	50-200
Chrysene-d12	(IS Areas & Pct)	156994	200540	n.a.	127.7	50-200
Perylene-d12	(IS Areas & Pct)	128620	196195	n.a.	152.5	50-200
N-nitrosodimethylamine		0.521	0.635	0.010	-21.9 +	20 (40)
Nitrobenzene		0.344	0.353	0.200	-2.6	20 (40)
Hexachlorobutadiene	qi	2.5	2.53		-1.2	20
Hexachlorocyclopentadiene		0.138	0.143	0.050	-3.6	20 (40)
Acenaphthylene	qi	2.5	2.55		-2.0	20
Hexachlorobenzene	qi	2.5	2.29		8.4	20
Pentachlorophenol	qi	2.5	2.33		6.8	20
Phenanthrene	qi	2.5	2.41		3.6	20
Benz(a)anthracene		1.385	1.412	0.800	-1.9	20 (40)
Chrysene		1.584	1.469	0.700	7.3	20 (40)
Benzo(b)fluoranthene		1.461	1.351	0.700	7.5	20 (40)
Benzo(k)fluoranthene		1.517	1.363	0.700	10.2	20 (40)
Benzo(a)pyrene		1.098	1.193	0.700	-8.7	20 (40)
Indeno(1,2,3-cd)pyrene		1.040	1.145	0.500	-10.1	20 (40)
Dibenz(a,h)anthracene		1.139	1.123	0.400	1.4	20 (40)
Benzo(ghi)perylene		1.307	1.206	0.500	7.7	20 (40)
% 2-Fluorophenol		1.510	1.447	0.010	4.2	20 (40)
% Phenol-d5		1.653	1.565	0.010	5.3	20 (40)
% Nitrobenzene-d5		1.441	1.788	0.010	-24.1 +	20 (40)
% 2-Fluorobiphenyl		2.5	2.63		-5.2	20
% 2,4,6-Tribromophenol		0.074	0.090	0.010	-21.6 +	20 (40)
% Terphenyl-d14		0.802	0.908	0.010	-13.2	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK (FULL SCAN)
Full Scan

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM36 Calibration Date: 10/14/24 Time: 09:31

Lab File Id: 1014_03.D Init. Calib. Date(s): 08/23/24 09/25/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 17:09 16:35

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0925.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4 (IS Areas & Pct)	343785	296450	n.a.	86.2	50-200
Naphthalene-d8 (IS Areas & Pct)	1286343	1070708	n.a.	83.2	50-200
Acenaphthene-d10 (IS Areas & Pct)	694330	655316	n.a.	94.4	50-200
Phenanthrene-d10 (IS Areas & Pct)	1240332	1194286	n.a.	96.3	50-200
Chrysene-d12 (IS Areas & Pct)	1282439	1183571	n.a.	92.3	50-200
Perylene-d12 (IS Areas & Pct)	1431168	1281599	n.a.	89.5	50-200
Pyridine	1.390	1.284	0.010	7.6	20 (40)
Phenol	1.504	1.586	0.800	-5.5	20 (40)
Bis(2-chloroethyl)ether	0.668	0.835	0.700	-25.0 +	20 (40)
Aniline	1.610	1.663	0.010	-3.3	20 (40)
2-Chlorophenol	1.302	1.389	0.800	-6.7	20 (40)
1,3-Dichlorobenzene	1.502	1.523	0.010	-1.4	20 (40)
1,4-Dichlorobenzene	1.549	1.567	0.010	-1.2	20 (40)
1,2-Dichlorobenzene	1.477	1.479	0.010	-0.1	20 (40)
2-Methylphenol (o-cresol)	0.999	1.078	0.700	-7.9	20 (40)
Bis(2-chloroisopropyl)ether	1.069	1.142	0.010	-6.8	20 (40)
N-Nitrosodi-n-propylamine	0.821	0.914	0.500	-11.3	20 (40)
3&4-Methylphenol (m&p-cresol)	1.089	1.272	0.600	-16.8	20 (40)
Acetophenone	1.706	1.981	0.010	-16.1	20 (40)
Hexachloroethane	0.563	0.543	0.300	3.6	20 (40)
Isophorone	0.630	0.658	0.400	-4.4	20 (40)
2-Nitrophenol	0.069	0.076	* 0.100	-10.1	20 (40)
2,4-Dimethylphenol	0.329	0.355	0.200	-7.9	20 (40)
Bis(2-chloroethoxy)methane	0.380	0.398	0.300	-4.7	20 (40)
Benzoic Acid qi	30	38.48		-28.3 #	20
2,4-Dichlorophenol	0.294	0.323	0.200	-9.9	20 (40)
1,2,4-Trichlorobenzene	0.347	0.338	0.010	2.6	20 (40)
Naphthalene	1.086	1.107	0.700	-1.9	20 (40)
4-Chloroaniline	0.107	0.123	0.010	-15.0	20 (40)
4-Chloro-3-methylphenol	0.313	0.344	0.200	-9.9	20 (40)
2-Methylnaphthalene	0.751	1.026	0.400	-36.6 +	20 (40)
1,2,4,5-Tetrachlorobenzene	0.378	0.437	0.010	-15.6	20 (40)
2,4,6-Trichlorophenol	0.340	0.377	0.200	-10.9	20 (40)
2,4,5-Trichlorophenol	0.377	0.400	0.200	-6.1	20 (40)
2-Chloronaphthalene	1.174	1.181	0.800	-0.6	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK (FULL SCAN)
Full Scan

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM36 Calibration Date: 10/14/24 Time: 09:31

Lab File Id: 1014_03.D Init. Calib. Date(s): 08/23/24 09/25/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 17:09 16:35

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0925.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
4-Nitroaniline	0.305	0.330	0.010	-8.2	20 (40)
Dimethylphthalate	1.307	1.340	0.010	-2.5	20 (40)
2,6-Dinitrotoluene	0.312	0.311	0.200	0.3	20 (40)
3-Nitroaniline	0.299	0.300	0.010	-0.3	20 (40)
Acenaphthene	1.110	1.098	0.900	1.1	20 (40)
2,4-Dinitrophenol qi	30	33.78		-12.6	20
Dibenzofuran	1.661	1.652	0.800	0.5	20 (40)
2,4-Dinitrotoluene	0.422	0.447	0.200	-5.9	20 (40)
4-Nitrophenol	0.164	0.182	0.010	-11.0	20 (40)
Diethyl phthalate	1.285	1.300	0.010	-1.2	20 (40)
Fluorene	1.375	1.394	0.900	-1.4	20 (40)
4-Chlorophenyl phenyl ether	0.692	0.686	0.400	0.9	20 (40)
2-Nitroaniline	0.194	0.184	0.010	5.2	20 (40)
4,6-Dinitro-2-methylphenol qi	30	33.17		-10.6	20
N-Nitrosodiphenylamine	1.029	1.032	0.010	-0.3	20 (40)
Azobenzene	1.174	1.516	0.010	-29.1 +	20 (40)
4-Bromophenyl phenyl ether	0.243	0.238	0.100	2.1	20 (40)
Pentachloronitrobenzene	0.068	0.079	0.010	-16.2	20 (40)
Anthracene	1.128	1.126	0.700	0.2	20 (40)
Carbazole	1.055	1.005	0.010	4.7	20 (40)
Di-n-butylphthalate	1.150	1.200	0.010	-4.3	20 (40)
Fluoranthene	1.201	1.164	0.600	3.1	20 (40)
Pyrene	1.284	1.237	0.600	3.7	20 (40)
Benzyl butyl phthalate	0.593	0.556	0.010	6.2	20 (40)
Bis(2-ethylhexyl)phthalate qi	30	28.97		3.4	20
Di-n-octylphthalate qi	30	30.23		-0.8	20
3,3'-dichlorobenzidine	0.493	0.513	0.010	-4.1	20 (40)
% 2-Fluorophenol	1.215	1.274	0.010	-4.9	20 (40)
% Phenol-d5	1.462	1.753	0.010	-19.9	20 (40)
% Nitrobenzene-d5	1.339	1.354	0.010	-1.1	20 (40)
% 2-Fluorobiphenyl	1.464	1.356	0.010	7.4	20 (40)
% 2,4,6-Tribromophenol	0.054	0.060	0.010	-11.1	20 (40)
% Terphenyl-d14	1.166	1.036	0.010	11.1	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE ENDING CALIBRATION CHECK (FULL SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM36 Calibration Date: 10/14/24 Time: 21:10

Lab File Id: 1014_30.D Init. Calib. Date(s): 08/23/24 09/25/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 17:09 16:35

GC Column: RXI-SVOCMS 16623 Method File: 36_SVFULL_0925.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
Pyridine	1.390	0.001	* 0.010	99.9 #	50
Phenol	1.504	1.382	0.010	8.1	50
Bis(2-chloroethyl)ether	0.668	0.722	0.010	-8.1	50
Aniline	1.610	1.169	0.010	27.4	50
2-Chlorophenol	1.302	1.373	0.010	-5.5	50
1,3-Dichlorobenzene	1.502	1.526	0.010	-1.6	50
1,4-Dichlorobenzene	1.549	1.568	0.010	-1.2	50
1,2-Dichlorobenzene	1.477	1.482	0.010	-0.3	50
2-Methylphenol (o-cresol)	0.999	0.958	0.010	4.1	50
Bis(2-chloroisopropyl)ether	1.069	1.156	0.010	-8.1	50
N-Nitrosodi-n-propylamine	0.821	0.932	0.010	-13.5	50
3&4-Methylphenol (m&p-cresol)	1.089	0.828	0.010	24.0	50
Acetophenone	1.706	2.033	0.010	-19.2	50
Hexachloroethane	0.563	0.559	0.010	0.7	50
Isophorone	0.630	0.676	0.010	-7.3	50
2-Nitrophenol	0.069	0.081	0.010	-17.4	50
2,4-Dimethylphenol	0.329	0.289	0.010	12.2	50
Bis(2-chloroethoxy)methane	0.380	0.460	0.010	-21.1	50
Benzoic Acid qi	30	0.00		100.0 #	20
2,4-Dichlorophenol	0.294	0.310	0.010	-5.4	50
1,2,4-Trichlorobenzene	0.347	0.355	0.010	-2.3	50
Naphthalene	1.086	1.108	0.010	-2.0	50
4-Chloroaniline	0.107	0.006	* 0.010	94.4 #	50
4-Chloro-3-methylphenol	0.313	0.174	0.010	44.4	50
2-Methylnaphthalene	0.751	0.894	0.010	-19.0	50
1,2,4,5-Tetrachlorobenzene	0.378	0.450	0.010	-19.0	50
2,4,6-Trichlorophenol	0.340	0.365	0.010	-7.4	50
2,4,5-Trichlorophenol	0.377	0.354	0.010	6.1	50
2-Chloronaphthalene	1.174	1.174	0.010	0.0	50
4-Nitroaniline	0.305	0.328	0.010	-7.5	50
Dimethylphthalate	1.307	1.319	0.010	-0.9	50
2,6-Dinitrotoluene	0.312	0.318	0.010	-1.9	50
3-Nitroaniline	0.299	0.158	0.010	47.2	50
Acenaphthene	1.110	1.096	0.010	1.3	50
2,4-Dinitrophenol qi	30	17.51		41.6 #	20

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: % of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:		SAS No.:	SDG No.: GCR81261
Instrument:	CHEM36		Calibration Date:	10/14/24	Time: 21:10
Lab File Id:	1014_30.D		Init. Calib. Date(s):	08/23/24	09/25/24
Heated Purge (Y/N):	n.a.		Init. Calib. Times:	17:09	16:35
GC Column:	RXI-SVOCMS 16623		Method File:	36 SVFULL 0925.M	

[illegible]

(*) Recommended RRF not met. (+) %D exceeds criteria. (%) %D exceeds (maximum) criteria.
 %D: % of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D.
 (*) Recommended RRF not met. (%) Maximum %D not met.

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK (SIM SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

Instrument: CHEM69 Calibration Date: 10/11/24 Time: 09:27

Lab File Id: 1011_03.D Init. Calib. Date(s): 09/08/24 09/08/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 14:33 17:13

GC Column: RTX-5MS 12623 Method File: 69_SIM18_0908.M

COMPOUND		RRF	RRF2.5	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4	(IS Areas & Pct)	117884	84211	n.a.	71.4	50-200
Naphthalene-d8	(IS Areas & Pct)	570920	444902	n.a.	77.9	50-200
Acenaphthene-d10	(IS Areas & Pct)	293654	243141	n.a.	82.8	50-200
Phenanthrene-d10	(IS Areas & Pct)	546581	462571	n.a.	84.6	50-200
Chrysene-d12	(IS Areas & Pct)	493019	432065	n.a.	87.6	50-200
Perylene-d12	(IS Areas & Pct)	434608	393502	n.a.	90.5	50-200
N-nitrosodimethylamine		0.526	0.584	0.010	-11.0	20 (40)
Nitrobenzene		0.337	0.288	0.200	14.5	20 (40)
Hexachlorobutadiene		0.203	0.216	0.010	-6.4	20 (40)
Hexachlorocyclopentadiene		0.194	0.184	0.050	5.2	20 (40)
Acenaphthylene		2.019	2.012	0.900	0.3	20 (40)
Hexachlorobenzene		0.319	0.287	0.100	10.0	20 (40)
Pentachlorophenol	qi	2.5	1.65		34.0 #	20
Phenanthrene		1.244	1.151	0.700	7.5	20 (40)
Benz(a)anthracene		1.134	1.264	0.800	-11.5	20 (40)
Chrysene		1.407	1.445	0.700	-2.7	20 (40)
Benzo(b)fluoranthene		1.243	1.438	0.700	-15.7	20 (40)
Benzo(k)fluoranthene		1.357	1.521	0.700	-12.1	20 (40)
Benzo(a)pyrene	qi	2.5	2.75		-10.0	20
Indeno(1,2,3-cd)pyrene		1.152	1.208	0.500	-4.9	20 (40)
Dibenz(a,h)anthracene		1.224	1.261	0.400	-3.0	20 (40)
Benzo(ghi)perylene		1.482	1.372	0.500	7.4	20 (40)
% 2-Fluorophenol		1.133	1.111	0.010	1.9	20 (40)
% Phenol-d5		1.239	1.327	0.010	-7.1	20 (40)
% Nitrobenzene-d5		1.423	1.505	0.010	-5.8	20 (40)
% 2-Fluorobiphenyl		1.677	1.605	0.010	4.3	20 (40)
% 2,4,6-Tribromophenol		0.112	0.135	0.010	-20.5 +	20 (40)
% Terphenyl-d14		0.824	1.000	0.010	-21.4 +	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 10% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

WATER SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY (SIM SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLALab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR81261LCS Spike - Client Id: CR79555 LCS 10X Level:(low/med) _____

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
N-nitrosodimethylamine	50	0.0	33.33	67	30	130
Nitrobenzene	50	0.0	29.83	60	30	130
Hexachlorobutadiene	50	0.0	31.82	64	30	130
Hexachlorocyclopentadiene	50	0.0	13.43	27 *	30	130
Acenaphthylene	50	0.0	27.92	56	30	130
Hexachlorobenzene	50	0.0	27.93	56	30	130
Pentachlorophenol	50	0.0	37.61	75	30	130
Phenanthrene	50	0.0	30.00	60	30	130
Benz(a)anthracene	50	0.0	42.25	85	30	130
Chrysene	50	0.0	34.27	69	30	130
Benzo(b)fluoranthene	50	0.0	37.93	76	30	130
Benzo(k)fluoranthene	50	0.0	35.87	72	30	130
Benzo(a)pyrene	50	0.0	37.54	75	30	130
Indeno(1,2,3-cd)pyrene	50	0.0	37.24	74	30	130
Dibenz(a,h)anthracene	50	0.0	36.58	73	30	130
Benzo(ghi)perylene	50	0.0	33.42	67	30	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
				#	RPD	REC.
N-nitrosodimethylamine	50	40.69	81	18.9	20	30 130
Nitrobenzene	50	32.77	66	9.5	20	30 130
Hexachlorobutadiene	50	36.12	72	11.8	20	30 130
Hexachlorocyclopentadiene	50	15.48	31	13.8	20	30 130
Acenaphthylene	50	32.69	65	14.9	20	30 130
Hexachlorobenzene	50	34.16	68	19.4	20	30 130
Pentachlorophenol	50	40.07	80	6.5	20	30 130
Phenanthrene	50	35.01	70	15.4	20	30 130
Benz(a)anthracene	50	48.78	98	15.4	20	30 130
Chrysene	50	40.03	80	14.8	20	30 130
Benzo(b)fluoranthene	50	44.62	89	15.8	20	30 130
Benzo(k)fluoranthene	50	42.85	86	17.7	20	30 130
Benzo(a)pyrene	50	42.88	86	13.7	20	30 130
Indeno(1,2,3-cd)pyrene	50	42.75	86	15.0	20	30 130
Dibenz(a,h)anthracene	50	42.73	85	15.2	20	30 130
Benzo(ghi)perylene	50	39.02	78	15.2	20	30 130

FORM III SV

Reviewer Comment: Due to recovery below laboratory limit, Hexachlorocyclopentadiene is qualified as rejected "R" values for samples associated with LCS.

WATER SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY (SIM SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLALab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR81261LCS Spike - Client Id: CR81264 LCS 10X 10X Level:(low/med) _____

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L		LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
N-nitrosodimethylamine	50	0.0		35.15	70	30	130
Nitrobenzene	50	0.0		31.43	63	30	130
Hexachlorobutadiene	50	0.0		30.28	61	30	130
Hexachlorocyclopentadiene	50	0.0		15.08	30	30	130
Acenaphthylene	50	0.0		27.84	56	30	130
Hexachlorobenzene	50	0.0		28.70	57	30	130
Pentachlorophenol	50	0.0		29.35	59	30	130
Phenanthrene	50	0.0		30.91	62	30	130
Benz(a)anthracene	50	0.0		35.95	72	30	130
Chrysene	50	0.0		30.80	62	30	130
Benzo(b)fluoranthene	50	0.0		33.83	68	30	130
Benzo(k)fluoranthene	50	0.0		33.40	67	30	130
Benzo(a)pyrene	50	0.0		38.33	77	30	130
Indeno(1,2,3-cd)pyrene	50	0.0		37.01	74	30	130
Dibenz(a,h)anthracene	50	0.0		35.71	71	30	130
Benzo(ghi)perylene	50	0.0		34.23	68	30	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
N-nitrosodimethylamine	50	36.43	73	4.2	20	30	130
Nitrobenzene	50	28.77	58	8.3	20	30	130
Hexachlorobutadiene	50	27.57	55	10.3	20	30	130
Hexachlorocyclopentadiene	50	12.86	26 *	14.3	20	30	130
Acenaphthylene	50	25.31	51	9.3	20	30	130
Hexachlorobenzene	50	25.74	51	11.1	20	30	130
Pentachlorophenol	50	24.35	49	18.5	20	30	130
Phenanthrene	50	28.22	56	10.2	20	30	130
Benz(a)anthracene	50	32.49	65	10.2	20	30	130
Chrysene	50	28.35	57	8.4	20	30	130
Benzo(b)fluoranthene	50	31.35	63	7.6	20	30	130
Benzo(k)fluoranthene	50	30.32	61	9.4	20	30	130
Benzo(a)pyrene	50	34.82	70	9.5	20	30	130
Indeno(1,2,3-cd)pyrene	50	34.69	69	7.0	20	30	130
Dibenz(a,h)anthracene	50	34.25	69	4.3	20	30	130
Benzo(ghi)perylene	50	32.38	65	4.5	20	30	130

FORM III SV

Reviewer Comment: Due to recovery below laboratory limit, Hexachlorocyclopentadiene is qualified as rejected "R" values for samples (MW-7,-9,-10,-13) associated with LCS.

WATER SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY (FULL SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLALab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR81261LCS Spike - Client Id: CR81264 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
Pyridine	50	0.0	0	0 *	30	130
Phenol	50	0.0	29.33	59	30	130
Bis(2-chloroethyl)ether	50	0.0	35.40	71	30	130
Aniline	50	0.0	23.79	48	30	130
2-Chlorophenol	50	0.0	33.90	68	30	130
1,3-Dichlorobenzene	50	0.0	31.03	62	30	130
1,4-Dichlorobenzene	50	0.0	31.22	62	30	130
1,2-Dichlorobenzene	50	0.0	30.98	62	30	130
2-Methylphenol (o-cresol)	50	0.0	31.25	63	30	130
Bis(2-chloroisopropyl)ether	50	0.0	29.37	59	30	130
N-Nitrosodi-n-propylamine	50	0.0	36.39	73	30	130
3&4-Methylphenol (m&p-cresol)	50	0.0	28.78	58	30	130
Acetophenone	50	0.0	34.40	69	30	130
Hexachloroethane	50	0.0	31.68	63	30	130
Isophorone	50	0.0	33.11	66	30	130
2-Nitrophenol	50	0.0	38.35	77	30	130
2,4-Dimethylphenol	50	0.0	28.53	57	30	130
Bis(2-chloroethoxy)methane	50	0.0	46.64	93	30	130
Benzoic Acid	50	0.0	16.56	33	30	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
Pyridine	50	0	0 *		20	30 130
Phenol	50	26.02	52	12.6	20	30 130
Bis(2-chloroethyl)ether	50	32.40	65	8.8	20	30 130
Aniline	50	22.07	44	8.7	20	30 130
2-Chlorophenol	50	31.08	62	9.2	20	30 130
1,3-Dichlorobenzene	50	29.32	59	5.0	20	30 130
1,4-Dichlorobenzene	50	28.84	58	6.7	20	30 130
1,2-Dichlorobenzene	50	28.66	57	8.4	20	30 130
2-Methylphenol (o-cresol)	50	27.68	55	12.0	20	30 130
Bis(2-chloroisopropyl)ether	50	27.31	55	7.0	20	30 130
N-Nitrosodi-n-propylamine	50	33.33	67	8.6	20	30 130
3&4-Methylphenol (m&p-cresol)	50	24.47	49	16.8	20	30 130
Acetophenone	50	31.83	64	7.5	20	30 130
Hexachloroethane	50	29.57	59	6.6	20	30 130
Isophorone	50	30.18	60	9.5	20	30 130
2-Nitrophenol	50	33.29	67	13.9	20	30 130
2,4-Dimethylphenol	50	24.16	48	17.1	20	30 130
Bis(2-chloroethoxy)methane	50	33.55	67	32.5 *	20	30 130
Benzoic Acid	50	15.13	30	9.5	20	30 130

FORM III SV

Reviewer Comment: Due to recovery below laboratory limit, Pyridine is qualified as rejected "R" values for samples (MW-7,-9,-10,-13) associated with LCS.

WATER SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY (FULL SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLALab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR81261LCS Spike - Client Id: CR81264 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
2,4-Dichlorophenol	50	0.0	35.11	70	30	130
1,2,4-Trichlorobenzene	50	0.0	33.30	67	30	130
Naphthalene	50	0.0	33.53	67	30	130
4-Chloroaniline	50	0.0	1.807	4 *	30	130
4-Chloro-3-methylphenol	50	0.0	18.83	38	30	130
2-Methylnaphthalene	50	0.0	39.38	79	30	130
1,2,4,5-Tetrachlorobenzene	50	0.0	31.17	62	30	130
2,4,6-Trichlorophenol	50	0.0	37.12	74	30	130
2,4,5-Trichlorophenol	50	0.0	28.95	58	30	130
2-Chloronaphthalene	50	0.0	34.44	69	30	130
4-Nitroaniline	50	0.0	35.81	72	30	130
Dimethylphthalate	50	0.0	35.79	72	30	130
2,6-Dinitrotoluene	50	0.0	34.79	70	30	130
3-Nitroaniline	50	0.0	15.93	32	30	130
Acenaphthene	50	0.0	34.08	68	30	130
2,4-Dinitrophenol	50	0.0	24.08	48	30	130
Dibenzofuran	50	0.0	34.04	68	30	130
2,4-Dinitrotoluene	50	0.0	37.18	74	30	130
4-Nitrophenol	50	0.0	23.94	48	30	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
2,4-Dichlorophenol	50	31.92	64	9.0	20	30 130
1,2,4-Trichlorobenzene	50	30.52	61	9.4	20	30 130
Naphthalene	50	31.14	62	7.8	20	30 130
4-Chloroaniline	50	1.472	3 *	21.5 *	20	30 130
4-Chloro-3-methylphenol	50	15.92	32	17.1	20	30 130
2-Methylnaphthalene	50	35.98	72	9.3	20	30 130
1,2,4,5-Tetrachlorobenzene	50	28.98	58	6.7	20	30 130
2,4,6-Trichlorophenol	50	33.26	67	9.9	20	30 130
2,4,5-Trichlorophenol	50	25.87	52	10.9	20	30 130
2-Chloronaphthalene	50	30.50	61	12.3	20	30 130
4-Nitroaniline	50	31.85	64	11.8	20	30 130
Dimethylphthalate	50	32.76	66	8.7	20	30 130
2,6-Dinitrotoluene	50	31.72	63	10.5	20	30 130
3-Nitroaniline	50	16.54	33	3.1	20	30 130
Acenaphthene	50	31.07	62	9.2	20	30 130
2,4-Dinitrophenol	50	18.10	36	28.6 *	20	30 130
Dibenzofuran	50	30.71	61	10.9	20	30 130
2,4-Dinitrotoluene	50	33.84	68	8.5	20	30 130
4-Nitrophenol	50	13.71	27 *	56.0 *	20	30 130

FORM III SV

Reviewer Comment: Due to recovery below laboratory limit, 4-Chloroaniline and 4-Nitrophenol are qualified as rejected "R" values for samples (MW-7,-9,-10,-13) associated with LCS.

WATER SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY (FULL SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLALab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR81261LCS Spike - Client Id: CR81264 LCS Level:(low/med) _____

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.		
Diethyl phthalate	50	0.0	37.61	75	30	130	
Fluorene	50	0.0	36.06	72	30	130	
4-Chlorophenyl phenyl ether	50	0.0	34.81	70	30	130	
2-Nitroaniline	50	0.0	32.50	65	30	130	
4,6-Dinitro-2-methylphenol	50	0.0	30.77	62	30	130	
N-Nitrosodiphenylamine	50	0.0	28.56	57	30	130	
Azobenzene	50	0.0	35.83	72	30	130	
4-Bromophenyl phenyl ether	50	0.0	34.60	69	30	130	
Pentachloronitrobenzene	50	0.0	36.85	74	30	130	
Anthracene	50	0.0	33.66	67	30	130	
Carbazole	50	0.0	34.26	69	30	130	
Di-n-butylphthalate	50	0.0	38.28	77	30	130	
Fluoranthene	50	0.0	34.82	70	30	130	
Benzidine	50	0.0	0	0 *	30	130	
Pyrene	50	0.0	34.80	70	30	130	
Benzyl butyl phthalate	50	0.0	35.87	72	30	130	
Bis(2-ethylhexyl)phthalate	50	0.0	37.23	74	30	130	
Di-n-octylphthalate	50	0.0	39.95	80	30	130	
3,3'-dichlorobenzidine	50	0.0	5.014	10 *	30	130	
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	#	QC LIMITS	
						RPD	REC.
Diethyl phthalate	50	34.16	68	9.8	20	30	130
Fluorene	50	32.30	65	10.2	20	30	130
4-Chlorophenyl phenyl ether	50	31.27	63	10.5	20	30	130
2-Nitroaniline	50	29.28	59	9.7	20	30	130
4,6-Dinitro-2-methylphenol	50	27.27	55	12.0	20	30	130
N-Nitrosodiphenylamine	50	25.45	51	11.1	20	30	130
Azobenzene	50	32.20	64	11.8	20	30	130
4-Bromophenyl phenyl ether	50	33.37	67	2.9	20	30	130
Pentachloronitrobenzene	50	34.55	69	7.0	20	30	130
Anthracene	50	30.38	61	9.4	20	30	130
Carbazole	50	31.45	63	9.1	20	30	130
Di-n-butylphthalate	50	33.85	68	12.4	20	30	130
Fluoranthene	50	30.91	62	12.1	20	30	130
Benzidine	50	0	0 *		20	30	130
Pyrene	50	29.82	60	15.4	20	30	130
Benzyl butyl phthalate	50	33.07	66	8.7	20	30	130
Bis(2-ethylhexyl)phthalate	50	33.85	68	8.5	20	30	130
Di-n-octylphthalate	50	36.16	72	10.5	20	30	130
3,3'-dichlorobenzidine	50	5.102	10 *	0.0	20	30	130

FORM III SV

Reviewer Comment: Due to recovery below laboratory limit, Benzidine and 3,3'-dichlorobenzidine are qualified as rejected "R" values within samples (MW-7,-9,-10,-13) associated with LCS.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)

MW-8

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81261	
Sample wt/vol:	960.0	(g/mL)	mL	Lab File ID:	1011_16.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/09/24	
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/11/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

Reviewer Comment: Hexachlorocyclopentadiene is qualified as rejected "R" value due to recovery below limits within laboratory control sample CR79555. Reviewer Comment: Due to %D results above laboratory limit within associated CCV, Pentachlorophenol and Benzo(a)pyrene are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-8
SDG No.:	GCR81261	Lab Sample ID:	CR81261	
Sample wt/vol:	960.0 (g/mL)	mL	Lab File ID:	1011_17.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	10/08/24	
% Moisture:	n.a.	Date Extracted:	10/09/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	10	UJ	1.3	10	r
108-95-2	Phenol	1.0	U	1.0	1.0	r
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	1.0	r
62-53-3	Aniline	3.6	UJ	3.6	3.6	r
95-57-8	2-Chlorophenol	1.0	U	1.0	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	1.0	r
95-48-7	2-Methylphenol (o-cresol)	1.0	U	1.0	1.0	r
108-60-1	Bis(2-chloroisopropyl)ether	5.2	U	1.4	5.2	r
621-64-7	N-Nitrosodi-n-propylamine	5.2	U	1.7	5.2	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	1.0	U	1.0	1.0	r
98-86-2	Acetophenone	5.2	U	1.6	5.2	r
67-72-1	Hexachloroethane	1.0	U	1.0	1.0	r
78-59-1	Isophorone	5.2	U	1.5	5.2	r
88-75-5	2-Nitrophenol	1.0	U	1.0	1.0	r
105-67-9	2,4-Dimethylphenol	1.0	U	1.0	1.0	r
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	1.4	5.2	r
65-85-0	Benzoic Acid	26	U	10	26	r
120-83-2	2,4-Dichlorophenol	1.0	U	1.0	1.0	r
120-82-1	1,2,4-Trichlorobenzene	5.2	U	1.6	5.2	r
91-20-3	Naphthalene	5.2	U	1.5	5.2	r
106-47-8	4-Chloroaniline	3.6	U	2.4	3.6	r
59-50-7	4-Chloro-3-methylphenol	1.0	U	1.0	1.0	r
91-57-6	2-Methylnaphthalene	5.2	U	1.5	5.2	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.6	U	3.6	3.6	r
88-06-2	2,4,6-Trichlorophenol	1.0	U	1.0	1.0	r
95-95-4	2,4,5-Trichlorophenol	1.0	U	1.0	1.0	r
91-58-7	2-Chloronaphthalene	5.2	U	1.5	5.2	r
100-01-6	4-Nitroaniline	5.2	U	1.7	5.2	r
131-11-3	Dimethylphthalate	5.2	U	1.6	5.2	r
606-20-2	2,6-Dinitrotoluene	5.2	U	1.6	5.2	r
99-09-2	3-Nitroaniline	5.2	U	2.1	5.2	r
83-32-9	Acenaphthene	5.2	U	1.6	5.2	r
51-28-5	2,4-Dinitrophenol	1.0	U	1.0	1.0	r
132-64-9	Dibenzofuran	5.2	U	1.5	5.2	r

Reviewer Comment: Due to %D results above laboratory limit within associated CCV, Pyridine, Aniline and Azobenene are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81261	
Sample wt/vol:	960.0	(g/mL)	mL	Lab File ID:	1011_17.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/09/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/11/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81262	
Sample wt/vol:	1005	(g/mL)	mL	Lab File ID:	1011_17.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/09/24	
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/11/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

Reviewer Comment: Hexachlorocyclopentadiene is qualified as rejected "R" value due to recovery below limits within laboratory control sample CR79555. Reviewer Comment: Due to %D results above laboratory limit within associated CCV, Pentachlorophenol and Benzo(a)pyrene are qualified as a non-detect estimate "UJ" values within sample.

FORM | SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-12
SDG No.:	GCR81261	Lab Sample ID:	CR81262	
Sample wt/vol:	1005 (g/mL)	mL	Lab File ID:	1011_18.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	10/08/24	
% Moisture:	n.a.	Date Extracted:	10/09/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
			1	
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	10	UJ	1.2	10	r
108-95-2	Phenol	1.0	U	1.0	1.0	r
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	1.0	r
62-53-3	Aniline	3.5	UJ	3.5	3.5	r
95-57-8	2-Chlorophenol	1.0	U	1.0	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	1.0	r
95-48-7	2-Methylphenol (o-cresol)	1.0	U	1.0	1.0	r
108-60-1	Bis(2-chloroisopropyl)ether	5.0	U	1.4	5.0	r
621-64-7	N-Nitrosodi-n-propylamine	5.0	U	1.6	5.0	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	1.0	U	1.0	1.0	r
98-86-2	Acetophenone	5.0	U	1.6	5.0	r
67-72-1	Hexachloroethane	1.0	U	1.0	1.0	r
78-59-1	Isophorone	5.0	U	1.4	5.0	r
88-75-5	2-Nitrophenol	1.0	U	1.0	1.0	r
105-67-9	2,4-Dimethylphenol	1.0	U	1.0	1.0	r
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	1.4	5.0	r
65-85-0	Benzoic Acid	25	U	10	25	r
120-83-2	2,4-Dichlorophenol	1.0	U	1.0	1.0	r
120-82-1	1,2,4-Trichlorobenzene	5.0	U	1.5	5.0	r
91-20-3	Naphthalene	5.0	U	1.4	5.0	r
106-47-8	4-Chloroaniline	3.5	U	2.3	3.5	r
59-50-7	4-Chloro-3-methylphenol	1.0	U	1.0	1.0	r
91-57-6	2-Methylnaphthalene	5.0	U	1.5	5.0	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.5	U	3.5	3.5	r
88-06-2	2,4,6-Trichlorophenol	1.0	U	1.0	1.0	r
95-95-4	2,4,5-Trichlorophenol	1.0	U	1.0	1.0	r
91-58-7	2-Chloronaphthalene	5.0	U	1.4	5.0	r
100-01-6	4-Nitroaniline	5.0	U	1.7	5.0	r
131-11-3	Dimethylphthalate	5.0	U	1.6	5.0	r
606-20-2	2,6-Dinitrotoluene	5.0	U	1.6	5.0	r
99-09-2	3-Nitroaniline	5.0	U	2.0	5.0	r
83-32-9	Acenaphthene	5.0	U	1.5	5.0	r
51-28-5	2,4-Dinitrophenol	1.0	U	1.0	1.0	r
132-64-9	Dibenzofuran	5.0	U	1.5	5.0	r

Reviewer Comment: Due to %D results above laboratory limit within associated CCV, Pyridine, Aniline and Azobenene are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81262	
Sample wt/vol:	1005	(g/mL)	mL	Lab File ID:	1011_18.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/09/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/11/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81263	
Sample wt/vol:	1000	(g/mL)	mL	Lab File ID:	1011_18.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/09/24	
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/11/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

Reviewer Comment: Hexachlorocyclopentadiene is qualified as rejected "R" value due to recovery below limits within laboratory control sample CR79555. Reviewer Comment: Due to %D results above laboratory limit within associated CCV, Pentachlorophenol and Benzo(a)pyrene are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-11
SDG No.:	GCR81261	Lab Sample ID:	CR81263	
Sample wt/vol:	1000 (g/mL)	mL	Lab File ID:	1011_19.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	10/08/24	
% Moisture:	n.a.	Date Extracted:	10/09/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	10	UJ	1.2	10	r
108-95-2	Phenol	3.0		1.0	1.0	r
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	1.0	r
62-53-3	Aniline	3.5	UJ	3.5	3.5	r
95-57-8	2-Chlorophenol	1.0	U	1.0	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	1.0	r
95-48-7	2-Methylphenol (o-cresol)	1.0	U	1.0	1.0	r
108-60-1	Bis(2-chloroisopropyl)ether	5.0	U	1.4	5.0	r
621-64-7	N-Nitrosodi-n-propylamine	5.0	U	1.6	5.0	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	1.0	U	1.0	1.0	r
98-86-2	Acetophenone	5.0	U	1.6	5.0	r
67-72-1	Hexachloroethane	1.0	U	1.0	1.0	r
78-59-1	Isophorone	5.0	U	1.4	5.0	r
88-75-5	2-Nitrophenol	1.0	U	1.0	1.0	r
105-67-9	2,4-Dimethylphenol	1.0	U	1.0	1.0	r
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	1.4	5.0	r
65-85-0	Benzoic Acid	25	U	10	25	r
120-83-2	2,4-Dichlorophenol	1.0	U	1.0	1.0	r
120-82-1	1,2,4-Trichlorobenzene	5.0	U	1.5	5.0	r
91-20-3	Naphthalene	5.0	U	1.4	5.0	r
106-47-8	4-Chloroaniline	3.5	U	2.3	3.5	r
59-50-7	4-Chloro-3-methylphenol	1.0	U	1.0	1.0	r
91-57-6	2-Methylnaphthalene	5.0	U	1.5	5.0	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.5	U	3.5	3.5	r
88-06-2	2,4,6-Trichlorophenol	1.0	U	1.0	1.0	r
95-95-4	2,4,5-Trichlorophenol	1.0	U	1.0	1.0	r
91-58-7	2-Chloronaphthalene	5.0	U	1.4	5.0	r
100-01-6	4-Nitroaniline	5.0	U	1.7	5.0	r
131-11-3	Dimethylphthalate	5.0	U	1.6	5.0	r
606-20-2	2,6-Dinitrotoluene	5.0	U	1.6	5.0	r
99-09-2	3-Nitroaniline	5.0	U	2.0	5.0	r
83-32-9	Acenaphthene	5.0	U	1.5	5.0	r
51-28-5	2,4-Dinitrophenol	1.0	U	1.0	1.0	r
132-64-9	Dibenzofuran	5.0	U	1.5	5.0	r

Reviewer Comment: Due to %D results above laboratory limit within associated CCV, Pyridine, Aniline and Azobenene are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

MW-11

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81263	
Sample wt/vol:	1000	(g/mL)	mL	Lab File ID:	1011_19.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/09/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/11/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)

MW-7

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81264	
Sample wt/vol:	1050	(g/mL)	mL	Lab File ID:	1014_13.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/10/24	
Instrument:	CHEM27	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/14/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

Reviewer Comment: Hexachlorocyclopentadiene is qualified as rejected "R" value due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, N-nitrosodimethylamine and Pentachlorophenol are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-7
SDG No.:	GCR81261	Lab Sample ID:	CR81264	
Sample wt/vol:	1050 (g/mL)	mL	Lab File ID:	1014_13.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	10/08/24	
% Moisture:	n.a.	Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	10/14/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.5	U	R 1.2	9.5	r
108-95-2	Phenol	0.95	U	0.95	0.95	r
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.95	r
62-53-3	Aniline	3.3	U	3.3	3.3	r
95-57-8	2-Chlorophenol	0.95	U	0.95	0.95	r
541-73-1	1,3-Dichlorobenzene	0.95	U	0.95	0.95	r
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	0.95	r
95-50-1	1,2-Dichlorobenzene	0.95	U	0.95	0.95	r
95-48-7	2-Methylphenol (o-cresol)	0.95	U	0.95	0.95	r
108-60-1	Bis(2-chloroisopropyl)ether	4.8	U	R 1.3	4.8	r
621-64-7	N-Nitrosodi-n-propylamine	4.8	U	1.5	4.8	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.95	U	0.95	0.95	r
98-86-2	Acetophenone	4.8	U	1.5	4.8	r
67-72-1	Hexachloroethane	0.95	U	0.95	0.95	r
78-59-1	Isophorone	4.8	U	1.3	4.8	r
88-75-5	2-Nitrophenol	0.95	U	R 0.95	0.95	r
105-67-9	2,4-Dimethylphenol	0.95	U	0.95	0.95	r
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	1.3	4.8	r
65-85-0	Benzoic Acid	24	UJ	9.5	24	r
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	0.95	r
120-82-1	1,2,4-Trichlorobenzene	4.8	U	1.4	4.8	r
91-20-3	Naphthalene	4.8	U	1.4	4.8	r
106-47-8	4-Chloroaniline	3.3	U	R 2.2	3.3	r
59-50-7	4-Chloro-3-methylphenol	0.95	U	0.95	0.95	r
91-57-6	2-Methylnaphthalene	4.8	UJ	1.4	4.8	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.3	U	3.3	3.3	r
88-06-2	2,4,6-Trichlorophenol	0.95	U	0.95	0.95	r
95-95-4	2,4,5-Trichlorophenol	0.95	U	0.95	0.95	r
91-58-7	2-Chloronaphthalene	4.8	U	1.3	4.8	r
100-01-6	4-Nitroaniline	4.8	U	1.6	4.8	r
131-11-3	Dimethylphthalate	4.8	U	1.5	4.8	r
606-20-2	2,6-Dinitrotoluene	4.8	U	1.5	4.8	r
99-09-2	3-Nitroaniline	4.8	U	1.9	4.8	r
83-32-9	Acenaphthene	4.8	U	1.4	4.8	r
51-28-5	2,4-Dinitrophenol	0.95	UJ	0.95	0.95	r
132-64-9	Dibenzofuran	4.8	U	1.4	4.8	r

Reviewer comment: ICV of instrument CHEM36 compounds Bis(2-chloroisopropyl)ether and 2-Nitrophenol did not reach minimum RRF value within ICV leading to qualification within sample as rejected "R" value. Several analytes are qualified as rejected "R" values due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, several analytes are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81264	
Sample wt/vol:	1050	(g/mL)	mL	Lab File ID:	1014_13.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol.	(uL)	Date Analyzed:	10/14/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Lab: Phoenix Env. Labs

Lab Sample ID: CR81265

Lab File ID: 1014 14.D

Date Received: 10/08/24

Date Extracted: 10/10/24

Date Analyzed: 10/14/24

Dilution Factor: 1

CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

Reviewer Comment: Hexachlorocyclopentadiene is qualified as rejected "R" value due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, N-nitrosodimethylamine and Pentachlorophenol are qualified as a non-detect estimate "UJ" values within sample.

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-9
SDG No.:	GCR81261	Lab Sample ID:	CR81265	
Sample wt/vol:	1025 (g/mL)	mL	Lab File ID:	1014_14.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	10/08/24	
% Moisture:	n.a.	Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	10/14/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.8	U	R 1.2	9.8	r
108-95-2	Phenol	0.98	U	0.98	0.98	r
111-44-4	Bis(2-chloroethyl)ether	0.98	U	0.98	0.98	r
62-53-3	Aniline	3.4	U	3.4	3.4	r
95-57-8	2-Chlorophenol	0.98	U	0.98	0.98	r
541-73-1	1,3-Dichlorobenzene	0.98	U	0.98	0.98	r
106-46-7	1,4-Dichlorobenzene	0.98	U	0.98	0.98	r
95-50-1	1,2-Dichlorobenzene	0.98	U	0.98	0.98	r
95-48-7	2-Methylphenol (o-cresol)	0.98	U	0.98	0.98	r
108-60-1	Bis(2-chloroisopropyl)ether	4.9	U	R 1.4	4.9	r
621-64-7	N-Nitrosodi-n-propylamine	4.9	U	1.6	4.9	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.98	U	0.98	0.98	r
98-86-2	Acetophenone	4.9	U	1.5	4.9	r
67-72-1	Hexachloroethane	0.98	U	0.98	0.98	r
78-59-1	Isophorone	4.9	U	1.4	4.9	r
88-75-5	2-Nitrophenol	0.98	U	R 0.98	0.98	r
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	0.98	r
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	1.4	4.9	r
65-85-0	Benzoic Acid	25	UJ	9.8	25	r
120-83-2	2,4-Dichlorophenol	0.98	U	0.98	0.98	r
120-82-1	1,2,4-Trichlorobenzene	4.9	U	1.5	4.9	r
91-20-3	Naphthalene	4.9	U	1.4	4.9	r
106-47-8	4-Chloroaniline	3.4	U	R 2.3	3.4	r
59-50-7	4-Chloro-3-methylphenol	0.98	U	0.98	0.98	r
91-57-6	2-Methylnaphthalene	4.9	UJ	1.5	4.9	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.4	U	3.4	3.4	r
88-06-2	2,4,6-Trichlorophenol	0.98	U	0.98	0.98	r
95-95-4	2,4,5-Trichlorophenol	0.98	U	0.98	0.98	r
91-58-7	2-Chloronaphthalene	4.9	U	1.4	4.9	r
100-01-6	4-Nitroaniline	4.9	U	1.6	4.9	r
131-11-3	Dimethylphthalate	4.9	U	1.5	4.9	r
606-20-2	2,6-Dinitrotoluene	4.9	U	1.5	4.9	r
99-09-2	3-Nitroaniline	4.9	U	2.0	4.9	r
83-32-9	Acenaphthene	4.9	U	1.5	4.9	r
51-28-5	2,4-Dinitrophenol	0.98	UJ	0.98	0.98	r
132-64-9	Dibenzofuran	4.9	U	1.4	4.9	r

Reviewer comment: ICV of instrument CHEM36 compounds Bis(2-chloroisopropyl)ether and 2-Nitrophenol did not reach minimum RRF value within ICV leading to qualification within sample as rejected "R" value. Several analytes are qualified as rejected "R" values due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, several analytes are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81265	
Sample wt/vol:	1025	(g/mL)	mL	Lab File ID:	1014_14.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol.	(uL)	Date Analyzed:	10/14/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81266	
Sample wt/vol:	1040	(g/mL)	mL	Lab File ID:	1014_15.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/10/24	
Instrument:	CHEM27	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/14/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

Reviewer Comment: Hexachlorocyclopentadiene is qualified as rejected "R" value due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, N-nitrosodimethylamine and Pentachlorophenol are qualified as a non-detect estimate "UU" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-10
SDG No.:	GCR81261	Lab Sample ID:	CR81266	
Sample wt/vol:	1040 (g/mL)	mL	Lab File ID:	1014_15.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	10/08/24	
% Moisture:	n.a.	Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	10/14/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.6	U	R 1.2	9.6	r
108-95-2	Phenol	0.96	U	0.96	0.96	r
111-44-4	Bis(2-chloroethyl)ether	0.96	U	0.96	0.96	r
62-53-3	Aniline	3.4	U	3.4	3.4	r
95-57-8	2-Chlorophenol	0.96	U	0.96	0.96	r
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.96	r
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.96	r
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.96	r
95-48-7	2-Methylphenol (o-cresol)	0.96	U	0.96	0.96	r
108-60-1	Bis(2-chloroisopropyl)ether	4.8	U	R 1.3	4.8	r
621-64-7	N-Nitrosodi-n-propylamine	4.8	U	1.6	4.8	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.96	U	0.96	0.96	r
98-86-2	Acetophenone	4.8	U	1.5	4.8	r
67-72-1	Hexachloroethane	0.96	U	0.96	0.96	r
78-59-1	Isophorone	4.8	U	1.3	4.8	r
88-75-5	2-Nitrophenol	0.96	U	R 0.96	0.96	r
105-67-9	2,4-Dimethylphenol	0.96	U	0.96	0.96	r
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	1.3	4.8	r
65-85-0	Benzoic Acid	24	U	J 9.6	24	r
120-83-2	2,4-Dichlorophenol	0.96	U	0.96	0.96	r
120-82-1	1,2,4-Trichlorobenzene	4.8	U	1.4	4.8	r
91-20-3	Naphthalene	4.8	U	1.4	4.8	r
106-47-8	4-Chloroaniline	3.4	U	R 2.2	3.4	r
59-50-7	4-Chloro-3-methylphenol	0.96	U	0.96	0.96	r
91-57-6	2-Methylnaphthalene	4.8	U	J 1.4	4.8	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.4	U	3.4	3.4	r
88-06-2	2,4,6-Trichlorophenol	0.96	U	0.96	0.96	r
95-95-4	2,4,5-Trichlorophenol	0.96	U	0.96	0.96	r
91-58-7	2-Chloronaphthalene	4.8	U	1.4	4.8	r
100-01-6	4-Nitroaniline	4.8	U	1.6	4.8	r
131-11-3	Dimethylphthalate	4.8	U	1.5	4.8	r
606-20-2	2,6-Dinitrotoluene	4.8	U	1.5	4.8	r
99-09-2	3-Nitroaniline	4.8	U	1.9	4.8	r
83-32-9	Acenaphthene	4.8	U	1.5	4.8	r
51-28-5	2,4-Dinitrophenol	0.96	U	J 0.96	0.96	r
132-64-9	Dibenzofuran	4.8	U	1.4	4.8	r

Reviewer comment: ICV of instrument CHEM36 compounds Bis(2-chloroisopropyl)ether and 2-Nitrophenol did not reach minimum RRF value within ICV leading to qualification within sample as rejected "R" value. Several analytes are qualified as rejected "R" values due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, several analytes are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81266	
Sample wt/vol:	1040	(g/mL)	mL	Lab File ID:	1014_15.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol.	(uL)	Date Analyzed:	10/14/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW-13

Client: LABELLA

Lab: Phoenix Env. Labs

SDG No.: GCR81261

Lab Sample ID: CR81267

Sample wt/vol: 1040 (g/mL) mL

Lab File ID: 1014 16.D

Concentrated Extract Volume: 1000 (uL)

Date Received: 10/08/24

% Moisture: n.a.

Date Extracted: 10/10/24

Instrument: CHEM27 Inj. Vol. 1.0 (uL)

Date Analyzed: 10/14/24

GPC Cleanup:(Y/N) N pH:

Dilution Factor: 1

Matrix: (soil/water) Water

CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

[illegible]

Reviewer Comment: Hexachlorocyclopentadiene is qualified as rejected "R" value due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, N-nitrosodimethylamine and Pentachlorophenol are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-13
SDG No.:	GCR81261	Lab Sample ID:	CR81267	
Sample wt/vol:	1040 (g/mL)	mL	Lab File ID:	1014_16.D
Concentrated Extract Volume:	1000 (uL)	Date Received:	10/08/24	
% Moisture:	n.a.	Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol. (uL)	Date Analyzed:	10/14/24
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.6	U	R 1.2	9.6	r
108-95-2	Phenol	0.96	U	0.96	0.96	r
111-44-4	Bis(2-chloroethyl)ether	0.96	U	0.96	0.96	r
62-53-3	Aniline	3.4	U	3.4	3.4	r
95-57-8	2-Chlorophenol	0.96	U	0.96	0.96	r
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.96	r
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.96	r
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.96	r
95-48-7	2-Methylphenol (o-cresol)	0.96	U	0.96	0.96	r
108-60-1	Bis(2-chloroisopropyl)ether	4.8	U	R 1.3	4.8	r
621-64-7	N-Nitrosodi-n-propylamine	4.8	U	1.6	4.8	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.96	U	0.96	0.96	r
98-86-2	Acetophenone	4.8	U	1.5	4.8	r
67-72-1	Hexachloroethane	0.96	U	0.96	0.96	r
78-59-1	Isophorone	4.8	U	1.3	4.8	r
88-75-5	2-Nitrophenol	0.96	U	R 0.96	0.96	r
105-67-9	2,4-Dimethylphenol	0.96	U	0.96	0.96	r
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	1.3	4.8	r
65-85-0	Benzoic Acid	24	UJ	9.6	24	r
120-83-2	2,4-Dichlorophenol	0.96	U	0.96	0.96	r
120-82-1	1,2,4-Trichlorobenzene	4.8	U	1.4	4.8	r
91-20-3	Naphthalene	4.8	U	1.4	4.8	r
106-47-8	4-Chloroaniline	3.4	U	R 2.2	3.4	r
59-50-7	4-Chloro-3-methylphenol	0.96	U	0.96	0.96	r
91-57-6	2-Methylnaphthalene	4.8	UJ	1.4	4.8	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.4	U	3.4	3.4	r
88-06-2	2,4,6-Trichlorophenol	0.96	U	0.96	0.96	r
95-95-4	2,4,5-Trichlorophenol	0.96	U	0.96	0.96	r
91-58-7	2-Chloronaphthalene	4.8	U	1.4	4.8	r
100-01-6	4-Nitroaniline	4.8	U	1.6	4.8	r
131-11-3	Dimethylphthalate	4.8	U	1.5	4.8	r
606-20-2	2,6-Dinitrotoluene	4.8	U	1.5	4.8	r
99-09-2	3-Nitroaniline	4.8	U	1.9	4.8	r
83-32-9	Acenaphthene	4.8	U	1.5	4.8	r
51-28-5	2,4-Dinitrophenol	0.96	UJ	0.96	0.96	r
132-64-9	Dibenzofuran	4.8	U	1.4	4.8	r

Reviewer comment: ICV of instrument CHEM36 compounds Bis(2-chloroisopropyl)ether and 2-Nitrophenol did not reach minimum RRF value within ICV leading to qualification within sample as rejected "R" value. Several analytes are qualified as rejected "R" values due to recovery below limits within laboratory control sample CR81264. Due to %D results above laboratory limit within associated CCV, several analytes are qualified as a non-detect estimate "UJ" values within sample.

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR81261			Lab Sample ID:	CR81267	
Sample wt/vol:	1040	(g/mL)	mL	Lab File ID:	1014_16.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/08/24	
% Moisture:	n.a.			Date Extracted:	10/10/24	
Instrument:	CHEM36	Inj. Vol.	(uL)	Date Analyzed:	10/14/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: Method 6010D/7041 Metals

Lab Job ID: GCR81261

Lab ID	Field ID	Collection Date	Matrix
CR81261	MW-8	10/7/2024	Water
CR81262	MW-12	10/7/2024	Water
CR81263	MW-11	10/7/2024	Water
CR81264	MW-7	10/7/2024	Water
CR81265	MW-9	10/7/2024	Water
CR81266	MW-10	10/7/2024	Water
GCR81267	MW-13	10/7/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

- Within initial continuing calibration blanks (CCB) Lead was detected, which led to qualification of analyte within samples CR812672 and CR81265 as non-detect "U" values.
- It is noted the CRDL was not within recovery limits of Mercury but also was no detected within any samples, no further qualification is needed.

Data is within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR81261



Method 6010D/7470A Metals

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of aqueous/TCLP/SPLP samples of 180 days preserved with nitric acid (pH>2)?	x			
Technical Hold Time of soil/sediment/wipe samples of 180 days ?	x			
B. Calibration				
Was an initial calibration done when system was set up or after CCV failure?	x			
Were 5 calibration standards and blank run at or below CRQL but above MDL?	x			
Were initial and continuous calibration verification (ICV and CCV) within NFG guidelines of %R (table 3)?	x			
C. Blanks				
Were contaminants found?		x		Lead detected within associated CCB led to qualification of analyte within samples CR812672 and CR81265 as non-detect estimate "U" values. See attachment.
Initial Calibration Blank (ICB) was analyzed after standards and run after ICV?	x			
Continuing Calibration Blank (CCB) was ran after every CCV every 2 hrs.	x			

Criteria	Y	N	NA	Comment
D. Laboratory Control Samples				
Was LCS analyzed for every group of aqueous/soil/ sediment /wipes samples in each SDG?(LCS is spiked 2X the CRQL for the associated matrix.)?	x			
Were %Rs within control limit of 70-130%? (Except for Sb and Ag , 50-150%)	x			
E. Matrix Spike/Matrix duplicate				CR81440, CR81249 Mercury, CR81299 Mercury
Were MS and MSD analyzed for SGD?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?	x			
F. Duplicate Samples				CR81440, CR81249 Mercury, CR81299 Mercury
Was at least one duplicate sample is run per matrix or SDG?	x			
Were control limit of 50% Relative Percent Difference between 'original' and duplicate?	x			
Were control limit CRQL of <5X found?	x			
G. Serial Dilution				CR81440
Was ICP serial dilution performed on each sample for each group of the same (aqueous/soil/sediment similar matrix or SDG?	x			
Was %D of original compared to dilution $\leq 10\%$?(%D > 15% may be used for soil)	x			
H. Performance Evaluation Sample				
Were PE samples analyzed with the field samples and field blanks in SDG?	x			

Criteria	Y	N	NA	Comment
Were results within warning limits (95% confidence interval) and action limit (99% confidence interval)	x			
I. Regional EPA QA/QC				
Were regional protocols of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
J. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Detection within associated CCBs led to qualification of samples. All results are within Cat. B criterion and usable.



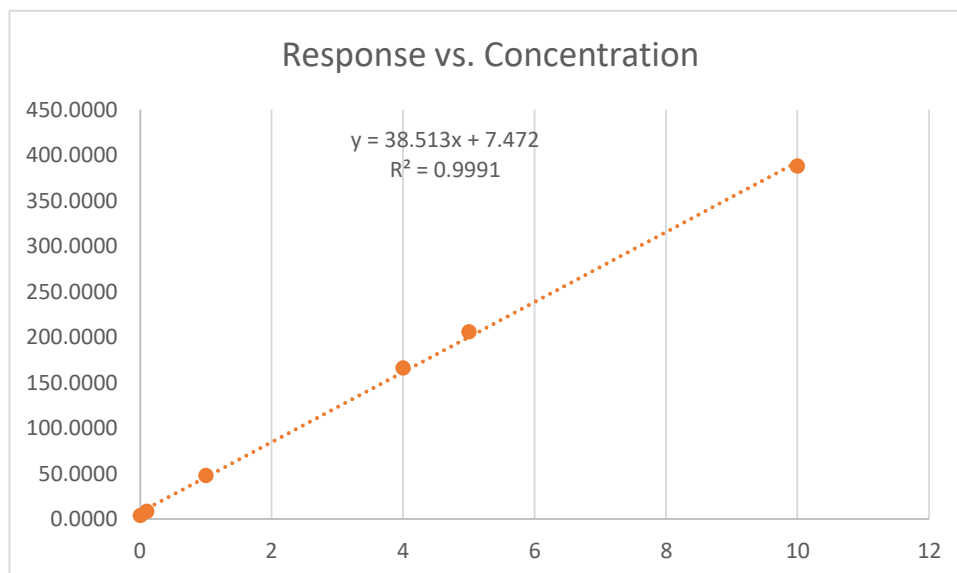
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 10/10/24

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	3.6778	0	-0.0985
STD85	8.1123	0.1000	0.0166
STD86	47.6210	1.0000	1.0425
STD87	165.9358	4.0000	4.1146
STD88	205.7407	5.0000	5.1481
STD89	387.8500	10.0000	9.8767



MW-9

Date Received: 10/8/2024 Percent Solids: n.a.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR81261

Lab ID	Field ID	Collection Date	Matrix
CR81261	MW-8	10/7/2024	Water
CR81262	MW-12	10/7/2024	Water
CR81263	MW-11	10/7/2024	Water
CR81264	MW-7	10/7/2024	Water
CR81265	MW-9	10/7/2024	Water
CR81266	MW-10	10/7/2024	Water
CR81267	MW-13	10/7/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- Within Continues Calibrations, %D of Endosulfan Sulfate and beta-BHC were above laboratory limits of several of the CCVs associated with the instrument ECD4 which all the samples except for MW-9 are associated with. %D of Endosulfan Sulfate and Methoxychlor were above laboratory limits of one of the CCVs associated with the instrument ECD33 which sample MW-9 is associated with. All sample will have their effected analyte(s) qualified as a non-detect estimate "UJ" values if applicable.

- Associated laboratory control sample had analytes that were not confirmed, no further action is need.

All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR81261



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			%D of Endosulfan Sulfate and beta-BHC were above laboratory limits of several of the CCVs associated with the instrument ECD4 which all the samples except for MW-9 are associated with. %D of Endosulfan Sulfate and Methoxychlor were above laboratory
Were (%D), relative respond factors (RRF) and RT within criteria?		x		

Criteria	Y	N	NA	Comment
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			limits of one of the CCVs associated with the Instrument ECD33 which sample MW-9 is associated with. All sample will have their effected analyte(s) qualified as a non-detect estimate "UJ" values if applicable. Please see attachment.
PEM % breakdown did not exceed criteria?	x			
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminates found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SDG or matrix?		x		
Was MS/MSD done at specific frequency required by criteria?			x	
Were MS/MSD (%R) and RPD within QC?			x	
H. Laboratory control sample				
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			
Was LCS (%R) within QC Limits?	x			

Criteria	Y	N	NA	Comment
I. Florisil Cartridge Performance Check				
Were Florisil Cartridges used in Florisil clean up process?		x		
If so, %R of each performance target analyte and surrogates within criteria?			x	
J. Gel Permeation Chromatography Performance Check				
Were GPC system used and did the two UV trace meet criteria requirements?		x		
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are within calculated window?	x			
%D of target analytes and Toxaphene are calculated to less than 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			Associated laboratory control sample had analytes that were not confirmed, no further action is need.
K. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
M. EPA Regional QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		
N. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration qualification is needed. All results are within Cat. B criterion and usable.

Calculation Spot Check

Instrument: ECD4

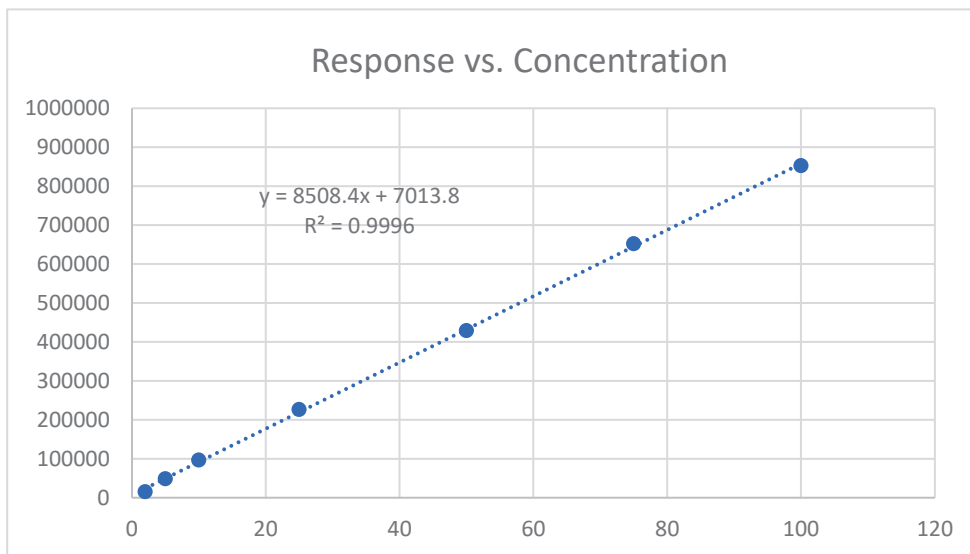
ICV Date and Time: 9/13/2024

Compound: alpha-BHC



Calibration Factor Response oncentration

L1	2.509	15391	2
L2	2.428	48659	5
L3	2.321	96714	10
L4	2.286	226512	25
L5	2.247	429149	50
L6	2.087	652013	75
L7	2.988	852409	100
average	2.409		
RSD	11.96		





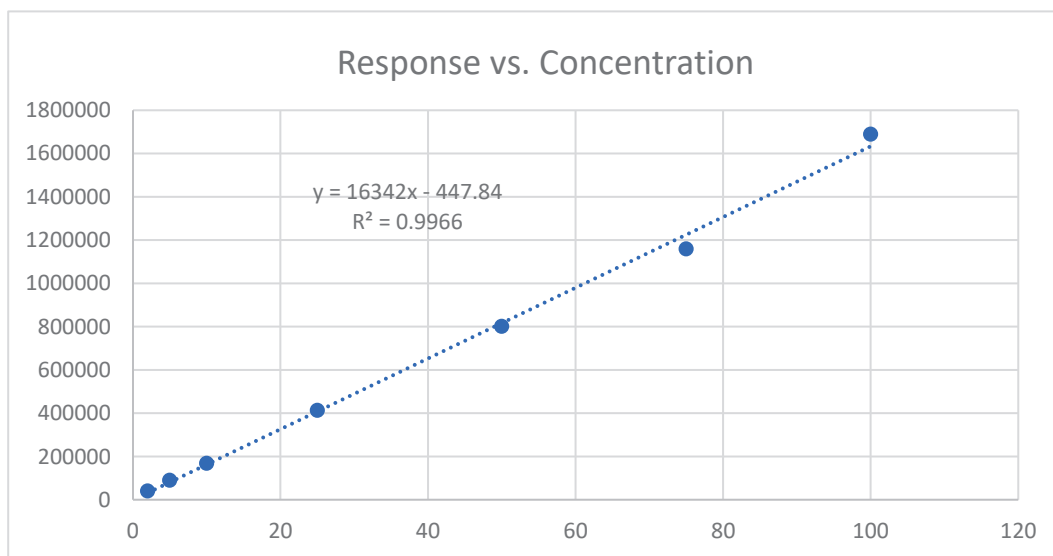
Calculation Spot Check

Instrument: ECD33

ICV Date and Time: 9/19/2024

Compound: alpha-BHC

	Calibration Factor	Response	Concentration
L1	2.985	39956	2
L2	2.796	90086	5
L3	2.819	168180	10
L4	2.706	412978	25
L5	2.563	801222	50
L6	2.298	1159012	75
L7	3.406	1688845	100
average	2.796		
RSD	12.38		



7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

GC Col A: CLPesticide ID: 0.53 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/09/24

LAB Sample ID (PEM): mix 4;34k - O09A014 Time Analyzed: 15:48

Instrument: ECD4 File: O09A014

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.60	4.01	4.11	49	50	2		2.966
beta-BHC	3.96	4.40	4.50	48	50	4		1.255
delta-BHC	4.13	4.58	4.68	47	50	6		2.897
gamma-BHC (Lindane)	3.89	4.32	4.42	49	50	2		2.668
Heptachlor	4.34	4.78	4.88	49	50	2		2.758
Aldrin	4.61	5.07	5.17	48	50	4		2.620
Heptachlor Epoxide	5.13	5.65	5.79	51	50	2		2.367
Endosulfan I	5.49	6.06	6.20	57	50	14		2.215
Dieldrin	5.73	6.33	6.47	48	50	4		2.484
4,4' -DDE	5.46	5.99	6.13	41	50	18		2.250
Endrin	5.96	6.59	6.73	52	50	4		2.047
Endosulfan II	6.19	6.86	7.00	47	50	6		2.078
4,4' -DDD	6.03	6.65	6.79	42	50	16		1.807
Endosulfan Sulfate	7.12	7.84	7.98	32	50	36	*	1.986
4,4' -DDT	6.34	6.99	7.13	49	50	2		1.853
Methoxychlor	6.92	7.57	7.71	50	50	0		1.015
Endrin ketone	7.47	8.16	8.30	54	50	8		2.192
Endrin Aldehyde	6.63	7.35	7.49	48	50	4		1.736
alpha-Chlordane	5.38	5.92	6.06	46	50	8		2.543
gamma-Chlordane	5.26	5.78	5.92	50	50	0		2.367
Decachlorobiphenyl	8.62	9.19	9.39	89	80	11		1.817
Tetrachloro-m-xylene	3.12	3.47	3.57	83	80	4		1.499

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR81261

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;34I Date Analyzed: 10/10/24

LAB Sample ID (PEM): mix 4;34I - O10B018 Time Analyzed: 16:07

Instrument: ECD4 File: O10B018

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.29	4.44	4.54	41	50	18		2.409
beta-BHC	4.85	4.98	5.08	39	50	22	*	1.123
delta-BHC	5.09	5.24	5.34	41	50	18		2.374
gamma-BHC (Lindane)	4.63	4.78	4.88	41	50	18		2.383
Heptachlor	5.22	5.41	5.51	44	50	12		2.209
Aldrin	5.58	5.79	5.89	45	50	10		2.021
Heptachlor Epoxide	6.08	6.28	6.42	44	50	12		2.014
Endosulfan I	6.53	6.76	6.90	43	50	14		1.700
Dieldrin	6.89	7.14	7.28	45	50	10		1.780
4,4' -DDE	6.74	6.97	7.11	43	50	14		1.684
Endrin	7.19	7.43	7.57	57	50	14		1.329
Endosulfan II	7.49	7.72	7.86	46	50	8		1.461
4,4' -DDD	7.43	7.65	7.79	47	50	6		1.226
Endosulfan Sulfate	7.97	8.19	8.33	49	50	2		1.219
4,4' -DDT	7.83	8.05	8.19	52	50	4		1.229
Methoxychlor	8.45	8.67	8.81	53	50	6		0.631
Endrin ketone	8.54	8.75	8.89	51	50	2		1.243
Endrin Aldehyde	7.67	7.89	8.03	45	50	10		1.182
alpha-Chlordane	6.49	6.71	6.85	46	50	8		1.746
gamma-Chlordane	6.39	6.61	6.75	42	50	16		1.953
Decachlorobiphenyl	10.04	10.26	10.46	81	80	1		1.024
Tetrachloro-m-xylene	3.82	3.97	4.07	67	80	16		1.749

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

GC Col A: CLPesticide ID: 0.53 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/10/24

LAB Sample ID (PEM): mix 4;34k - O10A032 Time Analyzed: 20:13

Instrument: ECD4 File: O10A032

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.66	4.01	4.11	43	50	14		2.966
beta-BHC	4.03	4.40	4.50	44	50	12		1.255
delta-BHC	4.19	4.58	4.68	41	50	18		2.897
gamma-BHC (Lindane)	3.95	4.32	4.42	43	50	14		2.668
Heptachlor	4.40	4.78	4.88	44	50	12		2.758
Aldrin	4.67	5.07	5.17	42	50	16		2.620
Heptachlor Epoxide	5.20	5.65	5.79	45	50	10		2.367
Endosulfan I	5.56	6.06	6.20	40	50	20		2.215
Dieldrin	5.80	6.33	6.47	42	50	16		2.484
4,4' -DDE	5.52	5.99	6.13	47	50	6		2.250
Endrin	6.02	6.59	6.73	49	50	2		2.047
Endosulfan II	6.26	6.86	7.00	42	50	16		2.078
4,4' -DDD	6.10	6.65	6.79	42	50	16		1.807
Endosulfan Sulfate	7.18	7.84	7.98	35	50	30	*	1.986
4,4' -DDT	6.40	6.99	7.13	45	50	10		1.853
Methoxychlor	6.98	7.57	7.71	47	50	6		1.015
Endrin ketone	7.52	8.16	8.30	44	50	12		2.192
Endrin Aldehyde	6.69	7.35	7.49	43	50	14		1.736
alpha-Chlordane	5.44	5.92	6.06	41	50	18		2.543
gamma-Chlordane	5.32	5.78	5.92	45	50	10		2.367
Decachlorobiphenyl	8.67	9.19	9.39	76	80	5		1.817
Tetrachloro-m-xylene	3.16	3.47	3.57	75	80	6		1.499

QC LIMITS:
%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR81261

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/10/24

LAB Sample ID (PEM): mix 4;34k - O10B032 Time Analyzed: 20:13

Instrument: ECD4 File: O10B032

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.29	4.44	4.54	41	50	18		2.409
beta-BHC	4.85	4.98	5.08	39	50	22	*	1.123
delta-BHC	5.09	5.24	5.34	40	50	20		2.374
gamma-BHC (Lindane)	4.62	4.78	4.88	41	50	18		2.383
Heptachlor	5.22	5.41	5.51	43	50	14		2.209
Aldrin	5.58	5.79	5.89	44	50	12		2.021
Heptachlor Epoxide	6.07	6.28	6.42	43	50	14		2.014
Endosulfan I	6.53	6.76	6.90	44	50	12		1.700
Dieldrin	6.89	7.14	7.28	44	50	12		1.780
4,4' -DDE	6.73	6.97	7.11	42	50	16		1.684
Endrin	7.19	7.43	7.57	58	50	16		1.329
Endosulfan II	7.49	7.72	7.86	45	50	10		1.461
4,4' -DDD	7.42	7.65	7.79	46	50	8		1.226
Endosulfan Sulfate	7.97	8.19	8.33	50	50	0		1.219
4,4' -DDT	7.83	8.05	8.19	51	50	2		1.229
Methoxychlor	8.45	8.67	8.81	53	50	6		0.631
Endrin ketone	8.53	8.75	8.89	51	50	2		1.243
Endrin Aldehyde	7.66	7.89	8.03	46	50	8		1.182
alpha-Chlordane	6.48	6.71	6.85	44	50	12		1.746
gamma-Chlordane	6.39	6.61	6.75	40	50	20		1.953
Decachlorobiphenyl	10.04	10.26	10.46	79	80	1		1.024
Tetrachloro-m-xylene	3.82	3.97	4.07	64	80	20		1.749

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

GC Col A: CLPesticide: ID: 0.53 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/11/24

LAB Sample ID (PEM): mix 4;34k - O10A045 Time Analyzed: 0:00

Instrument: ECD4 File: O10A045

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.65	4.01	4.11	44	50	12		2.966
beta-BHC	4.02	4.40	4.50	42	50	16		1.255
delta-BHC	4.18	4.58	4.68	42	50	16		2.897
gamma-BHC (Lindane)	3.93	4.32	4.42	43	50	14		2.668
Heptachlor	4.38	4.78	4.88	43	50	14		2.758
Aldrin	4.65	5.07	5.17	43	50	14		2.620
Heptachlor Epoxide	5.18	5.65	5.79	45	50	10		2.367
Endosulfan I	5.54	6.06	6.20	45	50	10		2.215
Dieldrin	5.78	6.33	6.47	42	50	16		2.484
4,4' -DDE	5.51	5.99	6.13	41	50	18		2.250
Endrin	6.01	6.59	6.73	49	50	2		2.047
Endosulfan II	6.24	6.86	7.00	42	50	16		2.078
4,4' -DDD	6.08	6.65	6.79	42	50	16		1.807
Endosulfan Sulfate	7.17	7.84	7.98	10	50	80	*	1.986
4,4' -DDT	6.38	6.99	7.13	45	50	10		1.853
Methoxychlor	6.96	7.57	7.71	46	50	8		1.015
Endrin ketone	7.50	8.16	8.30	44	50	12		2.192
Endrin Aldehyde	6.67	7.35	7.49	43	50	14		1.736
alpha-Chlordane	5.43	5.92	6.06	41	50	18		2.543
gamma-Chlordane	5.30	5.78	5.92	45	50	10		2.367
Decachlorobiphenyl	8.65	9.19	9.39	75	80	6		1.817
Tetrachloro-m-xylene	3.15	3.47	3.57	75	80	6		1.499

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/11/24

LAB Sample ID (PEM): mix 4;34k - O10B045 Time Analyzed: 0:00

Instrument: ECD4 File: O10B045

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.27	4.44	4.54	43	50	14		2.409
beta-BHC	4.84	4.98	5.08	39	50	22	*	1.123
delta-BHC	5.07	5.24	5.34	40	50	20		2.374
gamma-BHC (Lindane)	4.61	4.78	4.88	41	50	18		2.383
Heptachlor	5.21	5.41	5.51	43	50	14		2.209
Aldrin	5.56	5.79	5.89	44	50	12		2.021
Heptachlor Epoxide	6.06	6.28	6.42	43	50	14		2.014
Endosulfan I	6.52	6.76	6.90	44	50	12		1.700
Dieldrin	6.87	7.14	7.28	44	50	12		1.780
4,4' -DDE	6.72	6.97	7.11	42	50	16		1.684
Endrin	7.17	7.43	7.57	57	50	14		1.329
Endosulfan II	7.48	7.72	7.86	44	50	12		1.461
4,4' -DDD	7.41	7.65	7.79	46	50	8		1.226
Endosulfan Sulfate	7.95	8.19	8.33	49	50	2		1.219
4,4' -DDT	7.81	8.05	8.19	50	50	0		1.229
Methoxychlor	8.44	8.67	8.81	51	50	2		0.631
Endrin ketone	8.52	8.75	8.89	50	50	0		1.243
Endrin Aldehyde	7.65	7.89	8.03	45	50	10		1.182
alpha-Chlordane	6.47	6.71	6.85	44	50	12		1.746
gamma-Chlordane	6.37	6.61	6.75	40	50	20		1.953
Decachlorobiphenyl	10.02	10.26	10.46	77	80	4		1.024
Tetrachloro-m-xylene	3.81	3.97	4.07	65	80	19		1.749

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification of a non-detect estimate "UJ" value within all associated samples is due to %D results above laboratory limit for analytes Endosulfan Sulfate and Methoxychlor within CCV.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR81261

GC Col A: Rtx-CLP ID: 0.53 (mm) Init. Calib. Date(s): 09/19/24 09/19/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/17/24

LAB Sample ID (PEM): mix 4;34k - O17A004 Time Analyzed: 9:32

Instrument: ECD33 File: O17A004

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.59	3.80	3.90	47	50	6		2.796
beta-BHC	3.94	4.15	4.25	45	50	10		1.161
delta-BHC	4.09	4.31	4.41	50	50	0		2.555
gamma-BHC (Lindane)	3.86	4.08	4.18	44	50	12		2.672
Heptachlor	4.27	4.49	4.59	49	50	2		2.425
Aldrin	4.52	4.75	4.85	51	50	2		2.235
Heptachlor Epoxide	5.01	5.25	5.39	49	50	2		2.096
Endosulfan I	5.35	5.62	5.76	55	50	10		1.928
Dieldrin	5.56	5.86	6.00	54	50	8		1.980
4,4' -DDE	5.31	5.55	5.69	48	50	4		1.763
Endrin	5.77	6.10	6.24	57	50	14		1.830
Endosulfan II	5.99	6.34	6.48	52	50	4		1.707
4,4' -DDD	5.84	6.15	6.29	55	50	10		1.404
Endosulfan Sulfate	6.88	7.33	7.47	61	50	22	*	1.513
4,4' -DDT	6.12	6.46	6.60	53	50	6		1.561
Methoxychlor	6.66	7.03	7.17	61	50	22	*	0.747
Endrin ketone	7.21	7.65	7.79	59	50	18		1.720
Endrin Aldehyde	6.41	6.82	6.96	51	50	2		1.394
alpha-Chlordane	5.23	5.49	5.63	48	50	4		2.063
gamma-Chlordane	5.12	5.36	5.50	48	50	4		2.041
Decachlorobiphenyl	8.32	8.63	8.83	84	80	5		1.410
Tetrachloro-m-xylene	3.12	3.30	3.40	77	80	4		1.357

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Qualification of a non-detect estimate "UJ" value within all associated samples is due to %D results above laboratory limit for analyte beta-BHC within CCV. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-8

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR81261

Matrix: (soil/water) Water

Lab Sample ID: CR81261

Sample wt/vol: 900 (g/mL) mL

Lab File ID: O10A020

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.966	0.006	C	U	0.006	0.006
319-85-7	beta-BHC	NA	0.006	C	U J	0.006	0.006
319-86-8	delta-BHC	NA	0.006	C	U	0.006	0.006
58-89-9	gamma-BHC (Lindane)	NA	0.006	C	U	0.006	0.006
76-44-8	Heptachlor	2.758	0.011	C	U	0.011	0.011
309-00-2	Aldrin	2.620	0.002	C	U	0.002	0.002
1024-57-3	Heptachlor Epoxide	NA	0.011	C	U	0.011	0.011
959-98-8	Endosulfan I	2.215	0.011	C	U	0.011	0.011
60-57-1	Dieldrin	2.484	0.002	C	U	0.002	0.002
72-55-9	4,4' -DDE	NA	0.006	C	U	0.006	0.006
72-20-8	Endrin	NA	0.011	C	U	0.011	0.011
33213-65-9	Endosulfan II	NA	0.011	C	U	0.011	0.011
72-54-8	4,4' -DDD	1.807	0.006	C	U	0.006	0.006
1031-07-8	Endosulfan Sulfate	NA	0.011	C	U J	0.011	0.011
50-29-3	4,4' -DDT	NA	0.006	C	U	0.006	0.006
72-43-5	Methoxychlor	NA	0.11	C	U	0.11	0.11
53494-70-5	Endrin ketone	2.192	0.011	C	U	0.011	0.011
7421-93-4	Endrin Aldehyde	1.736	0.011	C	U	0.011	0.011
8001-35-2	Toxaphene	NA	0.22	C	U	0.22	0.22
5103-71-9	alpha-Chlordane	2.543	0.011	C	U	0.011	0.011
5103-74-2	gamma-Chlordane	2.367	0.011	C	U	0.011	0.011
57-74-9	Chlordane	NA	0.056	C	U	0.056	0.056
2051-24-3	Decachlorobiphenyl	1.817	58	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	58	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (900.00wt-vol) = 0.056

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of a non-detect estimate "UJ" value within all associated samples is due to %D results above laboratory limit for analyte beta-BHC within CCV. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-13

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR81261

Matrix: (soil/water) Water

Lab Sample ID: CR81267

Sample wt/vol: 1065 (g/mL) mL

Lab File ID: O10A022

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.005	C	U J	0.005	0.005
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	2.669	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.758	0.009	C	U	0.009	0.009
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	NA	0.009	C	U	0.009	0.009
959-98-8	Endosulfan I	2.215	0.009	C	U	0.009	0.009
60-57-1	Dieldrin	2.484	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	NA	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.009	C	U	0.009	0.009
33213-65-9	Endosulfan II	NA	0.009	C	U	0.009	0.009
72-54-8	4,4' -DDD	1.807	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	NA	0.009	C	U J	0.009	0.009
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.094	C	U	0.094	0.094
53494-70-5	Endrin ketone	2.192	0.009	C	U	0.009	0.009
7421-93-4	Endrin Aldehyde	1.736	0.009	C	U	0.009	0.009
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.009	C	U	0.009	0.009
5103-74-2	gamma-Chlordane	2.367	0.009	C	U	0.009	0.009
57-74-9	Chlordane	NA	0.047	C	U	0.047	0.047
2051-24-3	Decachlorobiphenyl	1.817	44	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	57	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1065.00wt-vol) = 0.047

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" values within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR81261

Matrix: (soil/water) Water

Lab Sample ID: CR81262

Sample wt/vol: 900 (g/mL) mL

Lab File ID: O10A033

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS:

ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.006	C	U	0.006	0.006
319-85-7	beta-BHC	1.255	0.006	C	U J	0.006	0.006
319-86-8	delta-BHC	NA	0.006	C	U	0.006	0.006
58-89-9	gamma-BHC (Lindane)	2.668	0.006	C	U	0.006	0.006
76-44-8	Heptachlor	2.758	0.011	C	U	0.011	0.011
309-00-2	Aldrin	2.620	0.010	C	U	0.010	0.010
1024-57-3	Heptachlor Epoxide	2.367	0.011	C	U	0.011	0.011
959-98-8	Endosulfan I	NA	0.011	C	U	0.011	0.011
60-57-1	Dieldrin	2.484	0.002	C	U	0.002	0.002
72-55-9	4,4' -DDE	2.249	0.006	C	U	0.006	0.006
72-20-8	Endrin	2.047	0.011	C	U	0.011	0.011
33213-65-9	Endosulfan II	NA	0.011	C	U	0.011	0.011
72-54-8	4,4' -DDD	1.807	0.006	C	U	0.006	0.006
1031-07-8	Endosulfan Sulfate	1.986	0.011	C	U J	0.011	0.011
50-29-3	4,4' -DDT	1.853	0.006	C	U	0.006	0.006
72-43-5	Methoxychlor	1.015	0.11	C	U	0.11	0.11
53494-70-5	Endrin ketone	NA	0.011	C	U	0.011	0.011
7421-93-4	Endrin Aldehyde	NA	0.011	C	U	0.011	0.011
8001-35-2	Toxaphene	NA	0.22	C	U	0.22	0.22
5103-71-9	alpha-Chlordane	2.543	0.011	C	U	0.011	0.011
5103-74-2	gamma-Chlordane	2.367	0.011	C	U	0.011	0.011
57-74-9	Chlordane	NA	0.056	C	U	0.056	0.056
2051-24-3	Decachlorobiphenyl	1.817	57	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	58	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (900.00wt-vol) = 0.056

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" values within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-7

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR81261

Matrix: (soil/water) Water

Lab Sample ID: CR81264

Sample wt/vol: 1060 (g/mL) mL

Lab File ID: O10A035

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS:

ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.005	C	U J	0.005	0.005
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	2.668	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	NA	0.009	C	U	0.009	0.009
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	2.367	0.009	C	U	0.009	0.009
959-98-8	Endosulfan I	NA	0.009	C	U	0.009	0.009
60-57-1	Dieldrin	2.484	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	NA	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.009	C	U	0.009	0.009
33213-65-9	Endosulfan II	2.078	0.009	C	U	0.009	0.009
72-54-8	4,4' -DDD	1.807	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	1.986	0.009	C	U J	0.009	0.009
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.094	C	U	0.094	0.094
53494-70-5	Endrin ketone	NA	0.009	C	U	0.009	0.009
7421-93-4	Endrin Aldehyde	NA	0.009	C	U	0.009	0.009
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	NA	0.009	C	U	0.009	0.009
5103-74-2	gamma-Chlordane	2.367	0.009	C	U	0.009	0.009
57-74-9	Chlordane	NA	0.047	C	U	0.047	0.047
2051-24-3	Decachlorobiphenyl	1.817	61	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	65	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1060.00wt-vol) = 0.047

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, Endosulfan Sulfate and Methoxychlor are qualified as a non-detect estimate "UJ" values within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-9

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD33 Column.: Rtx-CLP 0.32

SDG No.: GCR81261

Matrix: (soil/water) Water Lab Sample ID: CR81265

Sample wt/vol: 1045 (g/mL) mL Lab File ID: O17A008

% Moisture: n.a. decanted: (Y/N) N Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/11/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/17/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.161	0.005	C	U	0.005	0.005
319-86-8	delta-BHC	2.555	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	2.672	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.425	0.010	C	U	0.010	0.010
309-00-2	Aldrin	2.235	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	2.096	0.010	C	U	0.010	0.010
959-98-8	Endosulfan I	NA	0.010	C	U	0.010	0.010
60-57-1	Dieldrin	NA	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	NA	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.010	C	U	0.010	0.010
33213-65-9	Endosulfan II	NA	0.010	C	U	0.010	0.010
72-54-8	4,4' -DDD	1.404	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	1.513	0.010	C	UJ	0.010	0.010
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.096	C	UJ	0.096	0.096
53494-70-5	Endrin ketone	NA	0.010	C	U	0.010	0.010
7421-93-4	Endrin Aldehyde	1.394	0.010	C	U	0.010	0.010
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	NA	0.010	C	U	0.010	0.010
5103-74-2	gamma-Chlordane	NA	0.010	C	U	0.010	0.010
57-74-9	Chlordane	NA	0.048	C	U	0.048	0.048
2051-24-3	Decachlorobiphenyl	1.410	57	C		%	%
877-09-8	Tetrachloro-m-xylene	1.357	92	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1045.00wt-vol) = 0.048

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" values within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-10

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: CLPesticides 0.32

SDG No.: GCR81261

Matrix: (soil/water) Water Lab Sample ID: CR81266

Sample wt/vol: 1065 (g/mL) mL Lab File ID: O10A036

% Moisture: n.a. decanted: (Y/N) N Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 10

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.047	C	U	0.047	0.047
319-85-7	beta-BHC	1.255	0.047	C	UJ	0.047	0.047
319-86-8	delta-BHC	NA	0.047	C	U	0.047	0.047
58-89-9	gamma-BHC (Lindane)	2.668	0.047	C	U	0.047	0.047
76-44-8	Heptachlor	2.758	0.094	C	U	0.094	0.094
309-00-2	Aldrin	2.619	0.014	C	U	0.014	0.014
1024-57-3	Heptachlor Epoxide	2.368	0.094	C	U	0.094	0.094
959-98-8	Endosulfan I	NA	0.094	C	U	0.094	0.094
60-57-1	Dieldrin	2.484	0.014	C	U	0.014	0.014
72-55-9	4,4' -DDE	2.250	0.047	C	U	0.047	0.047
72-20-8	Endrin	2.047	0.094	C	U	0.094	0.094
33213-65-9	Endosulfan II	NA	0.094	C	U	0.094	0.094
72-54-8	4,4' -DDD	NA	0.047	C	U	0.047	0.047
1031-07-8	Endosulfan Sulfate	1.986	0.094	C	UJ	0.094	0.094
50-29-3	4,4' -DDT	NA	0.047	C	U	0.047	0.047
72-43-5	Methoxychlor	NA	0.94	C	U	0.94	0.94
53494-70-5	Endrin ketone	2.192	0.094	C	U	0.094	0.094
7421-93-4	Endrin Aldehyde	NA	0.094	C	U	0.094	0.094
8001-35-2	Toxaphene	NA	1.9	C	U	1.9	1.9
5103-71-9	alpha-Chlordane	2.543	0.094	C	U	0.094	0.094
5103-74-2	gamma-Chlordane	2.367	0.094	C	U	0.094	0.094
57-74-9	Chlordane	NA	0.47	C	U	0.47	0.47
2051-24-3	Decachlorobiphenyl	1.817	101	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	70	C		%	%

57-74-9 Sample PQL Calc: (50raw * 10df * 1fv) / (1065.00wt-vol) = 0.47

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of a non-detect estimate "UJ" value within all associated samples is due to %D results above laboratory limit for analyte beta-BHC within CCV. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: CLPesticides 0.32

SDG No.: GCR81261

Matrix: (soil/water) Water Lab Sample ID: CR81262

Sample wt/vol: 900 (g/mL) mL Lab File ID: O10A033

% Moisture: n.a. decanted: (Y/N) N Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.006	C	U	0.006	0.006
319-85-7	beta-BHC	1.255	0.006	C	U J	0.006	0.006
319-86-8	delta-BHC	NA	0.006	C	U	0.006	0.006
58-89-9	gamma-BHC (Lindane)	2.668	0.006	C	U	0.006	0.006
76-44-8	Heptachlor	2.758	0.011	C	U	0.011	0.011
309-00-2	Aldrin	2.620	0.010	C	U	0.010	0.010
1024-57-3	Heptachlor Epoxide	2.367	0.011	C	U	0.011	0.011
959-98-8	Endosulfan I	NA	0.011	C	U	0.011	0.011
60-57-1	Dieldrin	2.484	0.002	C	U	0.002	0.002
72-55-9	4,4' -DDE	2.249	0.006	C	U	0.006	0.006
72-20-8	Endrin	2.047	0.011	C	U	0.011	0.011
33213-65-9	Endosulfan II	NA	0.011	C	U	0.011	0.011
72-54-8	4,4' -DDD	1.807	0.006	C	U	0.006	0.006
1031-07-8	Endosulfan Sulfate	1.986	0.011	C	U J	0.011	0.011
50-29-3	4,4' -DDT	1.853	0.006	C	U	0.006	0.006
72-43-5	Methoxychlor	1.015	0.11	C	U	0.11	0.11
53494-70-5	Endrin ketone	NA	0.011	C	U	0.011	0.011
7421-93-4	Endrin Aldehyde	NA	0.011	C	U	0.011	0.011
8001-35-2	Toxaphene	NA	0.22	C	U	0.22	0.22
5103-71-9	alpha-Chlordane	2.543	0.011	C	U	0.011	0.011
5103-74-2	gamma-Chlordane	2.367	0.011	C	U	0.011	0.011
57-74-9	Chlordane	NA	0.056	C	U	0.056	0.056
2051-24-3	Decachlorobiphenyl	1.817	57	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	58	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (900.00wt-vol) = 0.056

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8082A PCB

Lab Job ID: GCR81261

Lab ID	Field ID	Collection Date	Matrix
CR81261	MW-8	10/7/2024	Water
CR81262	MW-12	10/7/2024	Water
CR81263	MW-11	10/7/2024	Water
CR81264	MW-7	10/7/2024	Water
CR81265	MW-9	10/7/2024	Water
CR81266	MW-10	10/7/2024	Water
GCR81267	MW-13	10/7/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD08 while samples were analyzed on ECD29. Samples are evaluated based on data collected on instrument QA/QC such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values. No analytes were present. Sample evaluated on ECD24 had QA/QC samples of blanks and laboratory controls samples and were evaluated normally.
- Compounds were outside of %D within associated CCVs of instrument ECD29 led to qualification within samples of Aroclor 1016 and 1260 as non-detect estimate "UJ" values. ECD24 had a failure of %D but was below SOP standards (25%) no further qualification needed.
- Surrogate failure occurred in CR81265 leading to qualification of all analytes as non-detect estimate "UJ" values.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCSR81261



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Compounds were outside of %D within associated CCVs of instrument ECD29 led to qualification within samples of Aroclor 1016 and 1260 as non-detect estimate "UJ" values. ECD24 had a failure of %D, but was below SOP standards, no further qualification needed. See attachment.
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Aroclor standard (C3) and within RT window?		x		
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?		x		Sample conducted in of ECD24 had blanks associated within criteria. Samples run on instrument EDC29 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			Surrogate failure occurred in CR81265 leading to qualification of all analytes as non-detect estimate "UJ" values. See attachment.
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?		x		
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Were MS/MSD (%R) and RPD within QC?			x	
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Sample conducted on ECD24 had LCS/LCSD associated within criteria. While laboratory control samples were present, they were analyzed on a different instrument than samples evaluated on ECD29 thus no qualification will be made based on this data.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) within ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			

Criteria	Y	N	NA	Comment
K. Field Duplicates				
Were Field Duplicated identified within sample package?		x		
Was RPD less than 50%?			x	
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification occurred due to continuous calibration and surrogate failure within one sample. All results are within Cat. B criterion and usable.



Calculation Spot Check

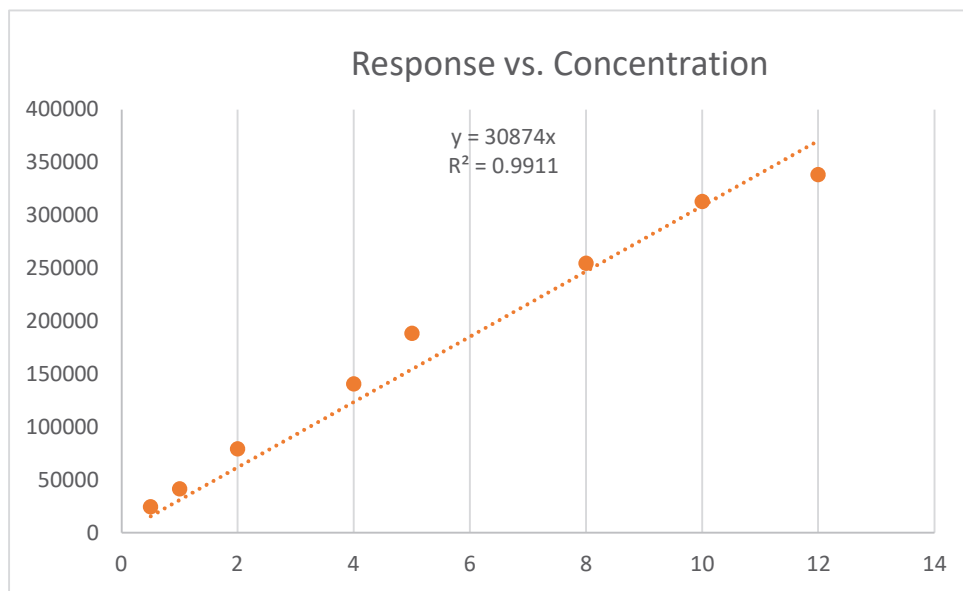
Instrument: ECD29

ICV Date and Time: 09/18/2024

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.044	0.5	24231.2
LV2	0.043	1	41273.44
LV3	0.039	2.0000	78869.97
LV4	0.035	4.0000	140472.44
LV5	0.034	5.0000	188186.8
LV6	0.034	8.0000	254597.39
LV7	0.032	10.0000	312761.03
LV8	0.051	12.0000	338228.4
Mean	0.039		
%RSD	16.79		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.





Calculation Spot Check

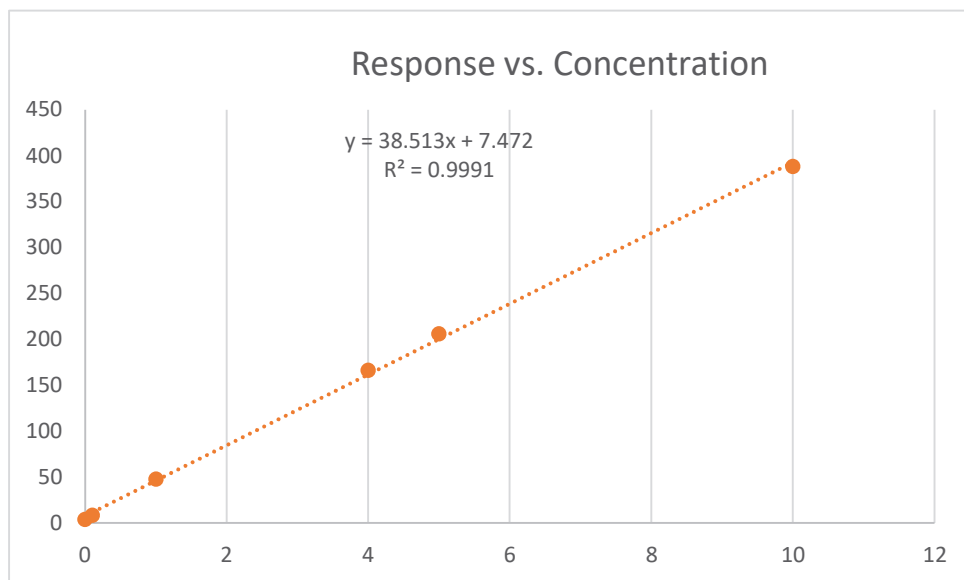
Instrument: ECD24

ICV Date and Time: 10/09/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.020	0.5	6919.28
LV2	0.024	1	20201.76
LV3	0.026	2.0000	45509.6
LV4	0.026	4.0000	98704.56
LV5	0.026	5.0000	146391.44
LV6	0.025	8.0000	202575.28
LV7	0.026	10.0000	244599.68
LV8	0.014	12.0000	287238.8
Mean	0.023		
%RSD	18.43		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.



Reviewer comment: Due to failure of all surrogates within sample CR81265 which led to qualification of all analytes as non-detect estimate "UJ" values.

2E
WATER PCB SURROGATE RECOVERY

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR81261

GC Column(1): RTX-440 ID: 0.32 (mm) GC Column(2): Rxi-35sil ms ID: 0.32 (mm)

	LAB ID	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	TOT OUT	FILE ID
01	CR81261	51		48		50		49		0	ECD29 O10A029 O10B029
02	CR81261 BL	60		61		87		86		0	ECD8 O10A030 O10B030
03	CR81261 LCS	37		37		79		78		0	ECD8 O10A031 O10B031
04	CR81261 LCSD	48		46		96		91		0	ECD8 O10A032 O10B032
05	CR81262	55		54		50		47		0	ECD29 O10A030 O10B030
06	CR81263	66		57		72		53		0	ECD29 O10A031 O10B031
07	CR81264	58		57		62		57		0	ECD29 O10A041 O10B041
08	CR81265 BL	50		51		70		69		0	ECD24 O12A005 O12B005
09	CR81265 LCS	82		84		89		75		0	ECD24 O12A006 O12B006
10	CR81265 LCSD	76		75		76		70		0	ECD24 O12A007 O12B007
11	CR81265	15	*	15	*	10	*	8	*	4	ECD24 O12A019 O12B019
12	CR81266	64		62		40		35		0	ECD29 O10A026 O10B026
13	CR81267	53		52		39		33		0	ECD29 O10A036 O10B036
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

30 - 150
30 - 150

= Column to be used to flag recovery values
* = Values outside of contract required QC limits
D = Surrogate diluted out
Int = Surrogate not reported due to Interference

Reviewer comment: Due to failure of all surrogates within sample to qualification of all analytes as non-detect estimate “UJ” values.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-9

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD24 Column.: RTX-440 0.32

SDG No.: GCR81261

Matrix: (soil/water) WATER Lab Sample ID: CR81265

Sample wt/vol: 1058 (g/mL) mL Lab File ID: O12A019

% Moisture: n.a. decanted: (Y/N) N Date Received: 10/08/24

Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/11/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/12/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1058.00\text{wt-vol}) = 0.048$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO. _____

MW-9

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD24 Column.: RXI-35SI 0.32

SDG No.: GCR81261

Matrix: (soil/water) WATER Lab Sample ID: CR81265

Sample wt/vol: 1058 (g/mL) mL Lab File ID: O12B019

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/08/24
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Extraction: (SepF/Cont/Ase) Cont Date Extracted: 10/11/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/12/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1058.00\text{wt-vol}) = 0.048$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of analyte Aroclor 1260 (Primary) as non-detect estimate "UJ" values within associated samples (MW-10,MW-8,MW-12, MW-11) due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR81261
GC Col A:	RTX-440	ID: 0.53 (mm)	Init. Calib. Date(s):		09/18/24 09/18/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;45g			Date Analyzed:	10/10/24
LAB Sample ID (PEM):	mix 600;45g - O10A022			Time Analyzed:	14:55
Instrument:	ECD29			File:	O10A022

COMPOUND	RT	RT WINDOW		RAW AMOUNT	NOM AMOUNT	% D		CF
		FROM	TO	ppb	ppb			
Aroclor 1016-1	6.14	6.07	6.17	582	600	3		0.039
Aroclor 1016-2	7.97	7.90	8.00	550	600	8		0.149
Aroclor 1016-3	8.10	8.03	8.13	597	600	1		0.058
Aroclor 1016-4	8.29	8.22	8.32	504	600	16		0.051
Aroclor 1016-5	8.98	8.91	9.01	533	600	11		0.046
Aroclor 1260-1	11.40	11.31	11.45	619	600	3		0.079
Aroclor 1260-2	11.98	11.87	12.01	566	600	6		0.117
Aroclor 1260-3	12.70	12.61	12.75	523	600	13		0.074
Aroclor 1260-4	12.81	12.72	12.86	502	600	16		0.043
Aroclor 1260-5	13.26	13.16	13.30	779	600	30	*	0.035
Decachlorobiphenyl	16.41	16.28	16.48	73	80	9		1.503
Tetrachloro-m-xylene	5.25	5.18	5.28	75	80	6		1.704

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor 1016 (Confirmation) as non-detect estimate "UJ" values within associated samples (MW-13, MW-7) due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR81261
GC Col B:	Rxi-35sil ms	ID: 0.32 (mm)	Init. Calib. Date(s):		09/18/24 09/18/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;45g			Date Analyzed:	10/11/24
LAB Sample ID (PEM):	mix 600;45g - O10B048			Time Analyzed:	0:45
Instrument:	ECD29			File:	O10B048

[illegible]

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor-1260 as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file O10A022.

1D PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: RTX-440 0.32

SDG No.: GCR81261

Matrix: (soil/water) WATER Lab Sample ID: CR81263

Sample wt/vol: 1035 (g/mL) mL Lab File ID: O10A031

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/08/24
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Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1035.00\text{wt-vol}) = 0.049$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

02 The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component



ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

To: Todd Rollen
Labella Associates, DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 05/09/2025

Subject: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	GCR82666_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	GCR82666_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124



**Newton Plaza Associates, LLC - Data Usability Summary Report for October 08, 2024,
Water Samples**

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Lab Job: GCR82666										
Method Evaluated										
Lab ID	Field ID	Collection Date	Matrix	8260D	8270E	8082 A	8081B	6010D& 7470A	8270E SIM 1,4-Dioxane	EPA 1633
CR82666	MW-1	10/8/2024	Water	x	x	x	x	x	x	x
CR82667	MW-2	10/8/2024	Water	x	x	x	x	x		
CR82668	MW-3	10/8/2024	Water	x	x	x	x	x		
CR82669	MW-4	10/8/2024	Water	x	x	x	x	x		
CR82670	MW-5	10/8/2024	Water	x	x	x	x	x		
CR82671	MW-6	10/8/2024	Water	x	x	x	x	x		
CR82672	MW-14	10/8/2024	Water	x	x	x	x	x	x	x
CR82673	MS/MSD	10/8/2024	Water	x						
CR82674	DUPE	10/8/2024	Water	x						
CR82843	TRIP BLANK	10/8/2024	Water	x						

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Standard Operating Procedure for the Validation of Pesticide Data, QA-HWSS-A-007 (April 2022)
- Standard Operating Procedure for the Validation of Polychlorinated Biphenyl (PCB) Aroclor Data (April 2022)



- Sampling, Analysis, And Assessment of Per- and Polyfluoroalkyl Substances (PFAS) (Under NYSDEC's Part 375 Remedial Program) (April 2023)
- Method 8260D Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 4 (June 2018)
- Method 8270E Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, revision 6 (June 2018)
- Method 6010D Inductively Coupled Plasma—Optical Emission Spectrometry, revision 5 (June 2018)
- Method 9060A Total Organic Carbon, revision 1 (November 2024)
- Method 7470A Mercury In Liquid Waste (Manual Cold-Vapor Technique) (September 1994)
- Method 8082A Polychlorinated Biphenyls (PCBs) By Gas Chromatography (February 2007)
- Method 8081B, Organochlorine Pesticides By Gas Chromatography (February 2007)
- Method 1633, Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS, EPA 821-R-24-001 (January 2024)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues:

Data validation completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.



In conclusion, the data reviewed in this report is usable data which meets criterion for compliance with methods 8260D, 8270E, 6010D, 7470A, 8081.B, 8082A. 8270E SIM and 1633, except for rejected data due to instrument issues as noted in sections 8260D and 8270E.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may bias high.
J-	The result is an estimated quantity, but the result may bias low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8260D

Lab Job ID: **GCR82666**

Lab ID	Field ID	Collection Date	Matrix
CR82666	MW-1	10/8/2024	Water
CR82667	MW-2	10/8/2024	Water
CR82668	MW-3	10/8/2024	Water
CR82669	MW-4	10/8/2024	Water
CR82670	MW-5	10/8/2024	Water
CR82671	MW-6	10/8/2024	Water
CR82672	MW-14	10/8/2024	Water
CR82673	MS/MSD	10/8/2024	Water
CR82674	DUPE	10/8/2024	Water
CR82843	TRIP BLANK	10/8/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

- Within initial calibration RRF did not meet recommended values for some analytes but did meet minimum, thus no further qualification needed. Also, %RSD did not meet criteria for some analytes, yet none were detected. No further qualification is needed.
 - Within CCV Bromomethane and Dichlorodifluoromethane did not meet %D criteria leading to qualification of non-detect estimate "UJ" values within samples. Also, RRFs did not meet the minimum RRF of several analytes which led to qualification as rejected "R" values within samples.
 - Note: neither MW-5 or blind duplicate sample DUPE had analytes detected.
- Data was qualified within category B criterion and is usable except for rejected value data.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR82666



8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)?	x			
Cooling Temp $\geq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
C. Initial Calibration				
Was a 5-point calibration run?	x			While RRF did not meet recommended values for some analytes but did meet minimum valued thus no qualification needed. Also, %RSD did not meet criteria for some analytes, yet none were detected. No further qualification is need.
Was RSD% with in criteria for each target analyte? Was RRF within criteria?		x		
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D) (%R) within criteria?	x			

Criteria	Y	N	NA	Comment
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Within CCV Bromomethane, Dichlorodifluoromethane and THF did not meet %D criteria leading to qualification of non-detect estimate "UJ" values within samples. See attachment.
Were (%D) $\leq$ limit and relative response factors (RRF) within criteria?		x		
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary?		x		
Subsection : Field Blanks				TRIP BLANK
Was a field blank associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate Spikes				
Were surrogate percent recovery (%R) within QC limits?	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix Duplicate				MS/MSD
Were MS and MSD analyzed for SDG?	x			
Was MS/MSD done every 20 samples?	x			
Were MS/MSD (%R) and RPD within QC?	x			

Criteria	Y	N	NA	Comment
H. Field Duplicate				MW-5 and DUP
Were field duplicates identified in this SGD?	x			
Were target compounds detected in it? Were RSPs less than 50%?		x		
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Analyte Identification				
Mass spectral ion abundance criteria specified for target analyte?	x			
Target analyte RRT outside specified RRT window?	x			
If sample is considered "Solid", is it greater than 30%?			x	
Did the spectrum meet EPA "Functional Guidelines"?	x			
J. Tentative Analyte Identification				
Were analyte results greater than 85% library match?			x	
Were National Functional Guidelines followed for TIC processing?			x	
K. Regional EPA QA/QC				
Were regional protocol of QA/AC protocols used in evaluation data?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in laboratory criteria within continuous calibration. All data is usable.

Calculation Spot Check

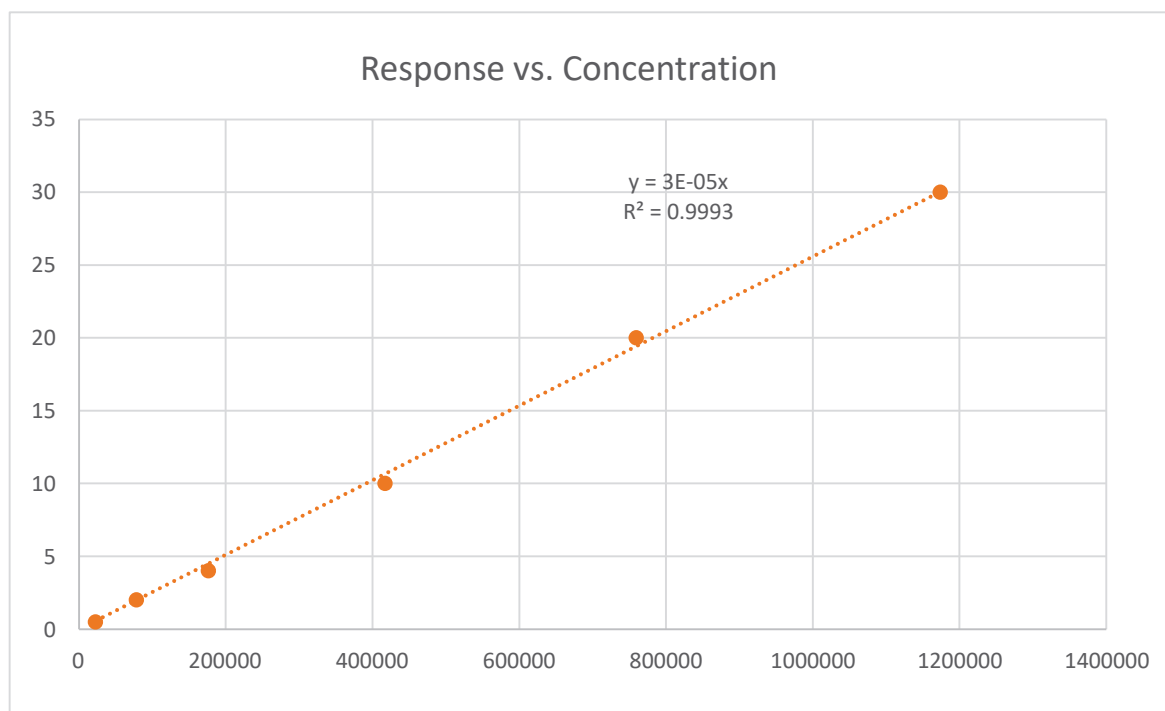
Instrument: CHEM17

ICV Date and time :10/07/24 11:37

Compound: Chloromethane



	Curve Evaluation (RF)	Response	Concentration
L1	0.974	22464	0.5
L2	0.897	77966	2
L3	1.037	176304	4
L4	1.005	416944	10
L5	0.946	759535	20
L6	0.944	1173756	30
average	0.967		
RSD	5.1		



7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666

Instrument: CHEM17 Calibration Date: 10/12/24 Time: 14:07

Lab File Id: 1012_02.D Init. Calib. Date(s): 10/07/24 10/07/24

Heated Purge (Y/N): N Init. Calib. Times: 11:37 13:43

GC Column: RTX-VMS Method File: VT-100724P.M

COMPOUND	RRF	RRF10	RRF MIN	%D	% D LIMITS
Pentafluorobenzene (IS Area/Area%)	415033	375123	n.a.	90.4	50-200
1,4-Difluorobenzene (IS Area/Area%)	689044	600484	n.a.	87.1	50-200
Chlorobenzene-d5 (IS Area/Area%)	661753	567484	n.a.	85.8	50-200
1,4-Dichlorobenzene-d4 (IS Area/Area%)	307850	268029	n.a.	87.1	50-200
1,4-Dioxane d8 (IS Area/Area%)	38030	24771	n.a.	65.1	n.a.
Dichlorodifluoromethane	0.850	0.650	0.010	23.5 +	20 (60)
Chloromethane	0.967	0.929	0.010	3.9	20 (60)
Vinyl Chloride	0.843	0.831	0.010	1.4	20 (40)
Bromomethane	0.330	0.259	0.010	21.5 +	20 (60)
Chloroethane	0.442	0.475	0.010	-7.5	20 (40)
Trichlorofluoromethane	0.971	0.974	0.010	-0.3	20 (40)
1,1-Dichloroethene	0.564	0.586	0.060	-3.9	20 (40)
Trichlorotrifluoroethane	0.416	0.421	0.050	-1.2	20 (40)
Carbon Disulfide	1.541	1.601	0.100	-3.9	20 (40)
Acrolein	0.027	0.024	* 0.050	11.1	20 (40)
Methylene Chloride	0.512	0.509	0.010	0.6	20 (40)
Acetone	0.048	0.039	0.010	18.8	20 (60)
Trans-1,2-Dichloroethene	0.598	0.633	0.100	-5.9	20 (40)
Methyl t-Butyl Ether (MTBE)	0.751	0.657	0.100	12.5	20 (40)
1,1-Dichloroethane	1.128	1.192	0.300	-5.7	20 (40)
Acrylonitrile	0.064	0.058	0.050	9.4	20 (40)
Cis-1,2-Dichloroethene	0.607	0.623	0.200	-2.6	20 (40)
2,2-Dichloropropane	0.800	0.921	0.050	-15.1	20 (40)
Bromochloromethane	0.175	0.170	0.100	2.9	20 (40)
Chloroform	0.961	1.019	0.300	-6.0	20 (40)
Carbon Tetrachloride	0.695	0.716	0.100	-3.0	20 (40)
Tetrahydrofuran (THF)	0.047	0.036	* 0.050	23.4 +	20 (40)
1,1,1-Trichloroethane	0.898	0.948	0.050	-5.6	20 (40)
Methyl Ethyl Ketone	0.064	0.058	0.010	9.4	20 (60)
1,1-Dichloropropene	0.500	0.533	0.050	-6.6	20 (40)
Benzene	1.422	1.534	0.200	-7.9	20 (40)
1,2-Dichloroethane	0.270	0.267	0.070	1.1	20 (40)
Trichloroethene	0.353	0.369	0.200	-4.5	20 (40)
Dibromomethane	0.118	0.112	0.050	5.1	20 (40)
1,2-dichloropropane	0.362	0.360	0.200	0.6	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	MW-1
SDG No.:	<u>GCR82666</u>	Lab Sample ID:	<u>CR82666</u>	
Sample wt/vol:	<u>25</u> (g/mL) <u>mL</u>	Lab File ID:	<u>1012_08.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>10/09/24</u>	
% Moisture:	<u>n.a.</u>	Date Analyzed:	<u>10/12/24</u>	
Instrument:	<u>CHEM17</u>	Column:	<u>RTX-VMS</u>	Dilution Factor:
Purge Volume	<u>25000</u> (uL)	pH:	<u>< 2</u>	Soil Aliquot Vol:
Matrix: (soil/water)	<u>Water</u>	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	UJ	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	UJ	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	UJ	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA		Lab:	Phoenix Env. Labs	MW-2
SDG No.:	GCR82666		Lab Sample ID:	CR82667	
Sample wt/vol:	25	(g/mL)	mL	Lab File ID:	1012_09.D
Level: (low/med/meth):	Low		Date Received:	10/09/24	
% Moisture:	n.a.		Date Analyzed:	10/12/24	
Instrument:	CHEM17	Column:	RTX-VMS	Dilution Factor:	1
Purge Volume	25000	(uL)	pH: < 2	Soil Aliquot Vol:	n.a. (uL)
Matrix: (soil/water)	Water		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U J	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U J	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA		Lab:	Phoenix Env. Labs	MW-3
SDG No.:	GCR82666		Lab Sample ID:	CR82668	
Sample wt/vol:	25	(g/mL)	mL	Lab File ID:	1012_10.D
Level: (low/med/meth):	Low		Date Received:	10/09/24	
% Moisture:	n.a.		Date Analyzed:	10/12/24	
Instrument:	CHEM17	Column:	RTX-VMS	Dilution Factor:	1
Purge Volume	25000	(uL)	pH: < 2	Soil Aliquot Vol:	n.a. (uL)
Matrix: (soil/water)	Water		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U J	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U J	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA		Lab:	Phoenix Env. Labs	MW-4
SDG No.:	GCR82666		Lab Sample ID:	CR82669	
Sample wt/vol:	25	(g/mL)	mL	Lab File ID:	1012_11.D
Level: (low/med/meth):	Low		Date Received:	10/09/24	
% Moisture:	n.a.		Date Analyzed:	10/12/24	
Instrument:	CHEM17	Column:	RTX-VMS	Dilution Factor:	1
Purge Volume	25000	(uL)	pH: < 2	Soil Aliquot Vol:	n.a. (uL)
Matrix: (soil/water)	Water		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U J	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U J	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MW-5
SDG No.:	GCR82666	Lab Sample ID:	CR82670	
Sample wt/vol:	25	(g/mL)	mL	Lab File ID:
Level: (low/med/meth):	Low	Date Received:	10/09/24	
% Moisture:	n.a.	Date Analyzed:	10/12/24	
Instrument:	CHEM17	Column:	RTX-VMS	Dilution Factor:
Purge Volume	25000	(uL)	pH: < 2	Soil Aliquot Vol:
Matrix: (soil/water)	Water	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U J	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U J	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-6

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR82666 Lab Sample ID: CR82671

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1012_13.D

Level: (low/med/meth): Low Date Received: 10/09/24

% Moisture: n.a. Date Analyzed: 10/12/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U J	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U J	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW-14

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR82666 Lab Sample ID: CR82672

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1012_14.D

Level: (low/med/meth): Low Date Received: 10/09/24

% Moisture: n.a. Date Analyzed: 10/12/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	UJ	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	UJ	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	UJ	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	MS/MSD
SDG No.:	GCR82666	Lab Sample ID:	CR82673	
Sample wt/vol:	25 (g/mL) mL	Lab File ID:	1012_15.D	
Level: (low/med/meth):	Low	Date Received:	10/09/24	
% Moisture:	n.a.	Date Analyzed:	10/12/24	
Instrument:	CHEM17	Column:	RTX-VMS	Dilution Factor:
Purge Volume	25000 (uL)	pH:	< 2	Soil Aliquot Vol:
Matrix: (soil/water)	Water	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	UJ	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	UJ	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	0.27	J	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	UJ	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	DUPE
SDG No.:	<u>GCR82666</u>	Lab Sample ID:	<u>CR82674</u>	
Sample wt/vol:	<u>25</u> (g/mL) <u>mL</u>	Lab File ID:	<u>1012_16.D</u>	
Level: (low/med/meth):	<u>Low</u>	Date Received:	<u>10/09/24</u>	
% Moisture:	<u>n.a.</u>	Date Analyzed:	<u>10/12/24</u>	
Instrument:	<u>CHEM17</u> Column: <u>RTX-VMS</u>	Dilution Factor:	<u>1</u>	
Purge Volume	<u>25000</u> (uL) pH: <u>< 2</u>	Soil Aliquot Vol:	<u>n.a.</u> (uL)	
Matrix: (soil/water)	<u>Water</u>	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>ug/L</u>	

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U J	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U J	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

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Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCR82666 Lab Sample ID: CR82843

Sample wt/vol: 25 (g/mL) mL Lab File ID: 1012_07.D

Level: (low/med/meth): Low Date Received: 10/09/24

% Moisture: n.a. Date Analyzed: 10/12/24

Instrument: CHEM17 Column: RTX-VMS Dilution Factor: 1

Purge Volume 25000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U J	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U J	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U J	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E SIM, Isotope Dilution

Lab Job ID: GCR82666

Lab ID	Field ID	Collection Date	Matrix
GCR82666	MW-1	10/8/2024	Water
GCR82667	MW-2	10/8/2024	Water
GCR82668	MW-3	10/8/2024	Water
GCR82669	MW-4	10/8/2024	Water
GCR82670	MW-5	10/8/2024	Water
GCR82671	MW-6	10/8/2024	Water
GCR82672	MW-14	10/8/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

- Within ICV of instrument CHEM06 compound 2-Nitrophenol did not meet recommended RRF but was above minimum RRF value. No further qualification needed.
- Several analytes did not meet %D criteria which led to qualification as non-detect-estimate "UJ" values within all samples depending on their associated CCV.
- Hexachlorocyclopentadiene is qualified as rejected "R" values within samples associated with instrument CHEM69 due to recovery below laboratory limits within laboratory control sample CR8266LCS.

Data is qualified within category B criterion and is usable, except for the data qualified as rejected.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR82666



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			Within ICV of instrument CHEM06 compound 2-Nitrophenol did not recommended RRF but was above minimum RRF value No further qualification needed.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?		x		

Criteria	Y	N	NA	Comment
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Several analytes did not meet %D criteria which led to qualification as non-detect-estimate "UJ" values within all samples depending on their associated CCV. See attachment.
Were (%D) and relative response factors (RRF) within acceptable criteria?				
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(Tetrahydrofuran-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		

Criteria	Y	N	NA	Comment
Was MS/MSD done every 20 samples ?			x	
Were MS/MSD (%R) and RPD within QC?			x	
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Hexachlorocyclopentadiene is qualified as rejected “R” values within samples associated with instrument CHEM69 due to recovery below laboratory limits within laboratory control sample CR8266LCS. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ±0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			

Criteria	Y	N	NA	Comment
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: Qualification of samples occurred due to laboratory criteria failure in continuous calibrations and laboratory control samples. Data within Cat. B criterion and usable, except for the data that is qualified as rejected.

Calculation Spot Check

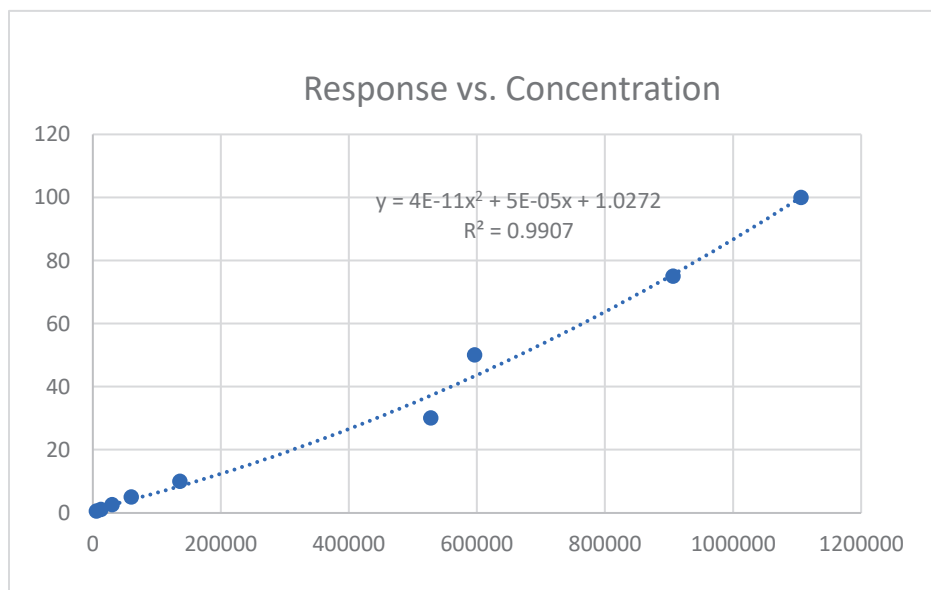
Instrument CHEM06

ICV Date and Time:10/14/24 23:21

Compound: Phenol



	Curve Evaluation (RF)	Response	Concentration
L1	1.433	5621	0.5
L2	1.593	12444	1
L3	1.612	29980	2.5
L4	1.632	60149	5
L5	1.684	136032	10
L6	1.620	528082	30
L7	1.643	596596	50
L8	1.573	906093	75
L9	1.562	1106270	100
average	1.595		
RSD	4.5		



Calculation Spot Check

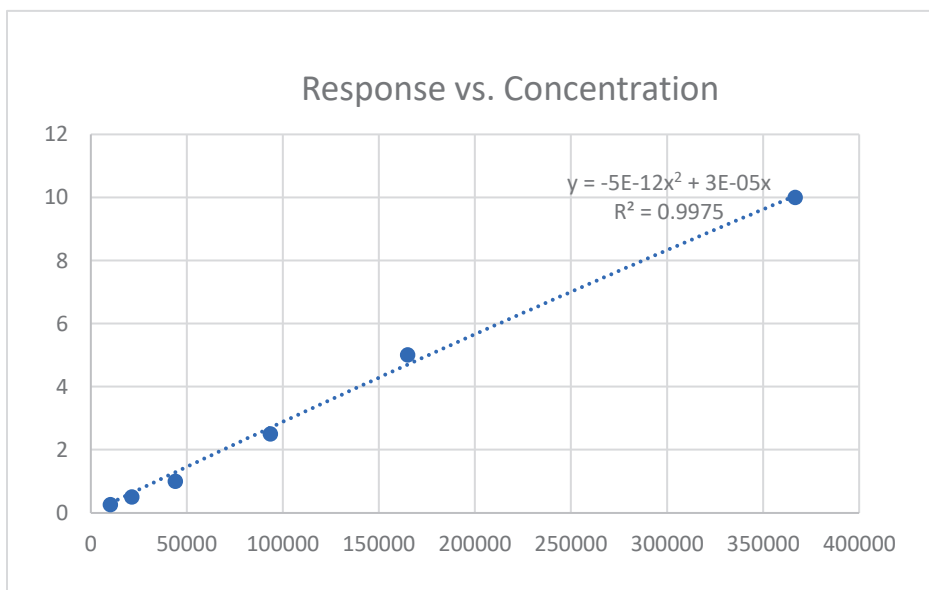
Instrument CHEM69

ICV Date and Time: 10/17/24 21:22

Compound: Nitrobenzene



	Curve Evaluation (RF)	Response	Concentration
L1	0.340	10229	0.25
L2	0.357	21448	0.5
L3	0.355	44020	1
L4	0.333	93441	2.5
L5	0.310	165045	5
L6	0.257	366729	10
average	0.325		
RSD	11.55		



7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK (FULL SCAN)
Full Scan

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666

Instrument: CHEM06 Calibration Date: 10/18/24 Time: 13:48

Lab File Id: 1018_06.D Init. Calib. Date(s): 10/14/24 10/15/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:21 05:39

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_1014.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
1,4-Dichlorobenzene-d4 (IS Areas & Pct)	434666	310105	n.a.	71.3	50-200
Naphthalene-d8 (IS Areas & Pct)	1451704	1099392	n.a.	75.7	50-200
Acenaphthene-d10 (IS Areas & Pct)	700792	516438	n.a.	73.7	50-200
Phenanthrene-d10 (IS Areas & Pct)	1053732	791567	n.a.	75.1	50-200
Chrysene-d12 (IS Areas & Pct)	970849	722005	n.a.	74.4	50-200
Perylene-d12 (IS Areas & Pct)	996648	742186	n.a.	74.5	50-200
Pyridine	1.514	1.505	0.010	0.6	20 (40)
Phenol	1.595	1.660	0.800	-4.1	20 (40)
Bis(2-chloroethyl)ether	0.912	0.934	0.700	-2.4	20 (40)
Aniline	1.855	2.082	0.010	-12.2	20 (40)
2-Chlorophenol	1.331	1.422	0.800	-6.8	20 (40)
1,3-Dichlorobenzene	1.479	1.513	0.010	-2.3	20 (40)
1,4-Dichlorobenzene	1.501	1.513	0.010	-0.8	20 (40)
1,2-Dichlorobenzene	1.397	1.428	0.010	-2.2	20 (40)
2-Methylphenol (o-cresol)	1.012	1.054	0.700	-4.2	20 (40)
Bis(2-chloroisopropyl)ether	1.793	1.904	0.010	-6.2	20 (40)
N-Nitrosodi-n-propylamine	0.840	0.883	0.500	-5.1	20 (40)
3&4-Methylphenol (m&p-cresol)	1.191	1.247	0.600	-4.7	20 (40)
Acetophenone	1.747	1.706	0.010	2.3	20 (40)
Hexachloroethane	0.565	0.584	0.300	-3.4	20 (40)
Isophorone	0.610	0.663	0.400	-8.7	20 (40)
2-Nitrophenol	0.046	0.058	* 0.100	-26.1 +	20 (40)
2,4-Dimethylphenol	0.272	0.322	0.200	-18.4	20 (40)
Bis(2-chloroethoxy)methane	0.394	0.404	0.300	-2.5	20 (40)
Benzoic Acid qi	30	32.75		-9.2	20
2,4-Dichlorophenol	0.246	0.275	0.200	-11.8	20 (40)
1,2,4-Trichlorobenzene	0.284	0.296	0.010	-4.2	20 (40)
Naphthalene qi	30	30.23		-0.8	20
4-Chloroaniline qi	30	35.36		-17.9	20
4-Chloro-3-methylphenol	0.258	0.281	0.200	-8.9	20 (40)
2-Methylnaphthalene	0.654	0.686	0.400	-4.9	20 (40)
1,2,4,5-Tetrachlorobenzene	0.260	0.259	0.010	0.4	20 (40)
2,4,6-Trichlorophenol	0.309	0.358	0.200	-15.9	20 (40)
2,4,5-Trichlorophenol	0.337	0.379	0.200	-12.5	20 (40)
2-Chloronaphthalene	1.148	1.181	0.800	-2.9	20 (40)

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(l) linear (li) linear inv conc wgt (li2) linear inv conc wgt^2 (q) quadratic (qi) quadratic inv conc wgt (qi2) quadratic inv conc wgt^2

Compounds not using average response (l, li, li2, q, qi, qi2) display concentrations and not response factors

7B
SEMIVOLATILE ENDING CALIBRATION CHECK (FULL SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666

Instrument: CHEM06 Calibration Date: 10/18/24 Time: 23:44

Lab File Id: 1018_31.D Init. Calib. Date(s): 10/14/24 10/15/24

Heated Purge (Y/N): n.a. Init. Calib. Times: 23:21 05:39

GC Column: RXI-SVOCMS 16623 Method File: 6_SVFULL_1014.M

COMPOUND	RRF	RRF30	RRF MIN	%D	% D LIMITS
Pyridine	1.514	1.516	0.010	-0.1	50
Phenol	1.595	1.691	0.010	-6.0	50
Bis(2-chloroethyl)ether	0.912	1.039	0.010	-13.9	50
Aniline	1.855	3.174	0.010	-71.1 #	50
2-Chlorophenol	1.331	1.450	0.010	-8.9	50
1,3-Dichlorobenzene	1.479	1.517	0.010	-2.6	50
1,4-Dichlorobenzene	1.501	1.528	0.010	-1.8	50
1,2-Dichlorobenzene	1.397	1.437	0.010	-2.9	50
2-Methylphenol (o-cresol)	1.012	1.088	0.010	-7.5	50
Bis(2-chloroisopropyl)ether	1.793	2.057	0.010	-14.7	50
N-Nitrosodi-n-propylamine	0.840	0.921	0.010	-9.6	50
3&4-Methylphenol (m&p-cresol)	1.191	1.288	0.010	-8.1	50
Acetophenone	1.747	1.816	0.010	-3.9	50
Hexachloroethane	0.565	0.583	0.010	-3.2	50
Isophorone	0.610	0.692	0.010	-13.4	50
2-Nitrophenol	0.046	0.059	0.010	-28.3	50
2,4-Dimethylphenol	0.272	0.334	0.010	-22.8	50
Bis(2-chloroethoxy)methane	0.394	0.414	0.010	-5.1	50
Benzoic Acid qi	30	25.42		15.3	20
2,4-Dichlorophenol	0.246	0.273	0.010	-11.0	50
1,2,4-Trichlorobenzene	0.284	0.285	0.010	-0.4	50
Naphthalene qi	30	30.56		-1.9	20
4-Chloroaniline qi	30	1.22		95.9 #	20
4-Chloro-3-methylphenol	0.258	0.273	0.010	-5.8	50
2-Methylnaphthalene	0.654	0.693	0.010	-6.0	50
1,2,4,5-Tetrachlorobenzene	0.260	0.243	0.010	6.5	50
2,4,6-Trichlorophenol	0.309	0.347	0.010	-12.3	50
2,4,5-Trichlorophenol	0.337	0.358	0.010	-6.2	50
2-Chloronaphthalene	1.148	1.162	0.010	-1.2	50
4-Nitroaniline qi	30	35.72		-19.1	20
Dimethylphthalate	1.201	1.261	0.010	-5.0	50
2,6-Dinitrotoluene qi	30	28.33		5.6	20
3-Nitroaniline qi	30	28.32		5.6	20
Acenaphthene	1.160	1.165	0.010	-0.4	50
2,4-Dinitrophenol qi	30	13.40		55.3 #	20

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: % of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(*) Recommended RRF not met. (#) Maximum %D not met.

7B

Lab Name:	Phoenix Environmental Labs		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:	SDG No.:	GCR82666
Instrument:	CHEM06		Calibration Date:	10/18/24	Time: 23:44
Lab File Id:	1018_31.D		Init. Calib. Date(s):	10/14/24	10/15/24
Heated Purge (Y/N):	n.a.		Init. Calib. Times:	23:21	05:39
GC Column:	RXI-SVOCMS 16623		Method File: 6 SVFULL 1014.M		

[illegible]

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
 %D: % of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
 (*) Recommended RRF not met. (#) Maximum %D not met.

[illegible]

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3C

WATER SEMIVOLATILE LCS SPIKE / LCS SPIKE DUPLICATE RECOVERY (SIM SCAN)

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCR82666

LCS Spike - Client Id: CR82666 LCS 10X 10X Level:(low/med) _____

COMPOUND	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	LCS CONCENTRATION ug/L	LCS % REC #	QC. LIMITS REC.	
N-nitrosodimethylamine	50	0.0	25.76	52	30	130
Nitrobenzene	50	0.0	28.43	57	30	130
Hexachlorobutadiene	50	0.0	26.58	53	30	130
Hexachlorocyclopentadiene	50	0.0	12.28	25 *	30	130
Acenaphthylene	50	0.0	25.23	50	30	130
Hexachlorobenzene	50	0.0	30.68	61	30	130
Pentachlorophenol	50	0.0	35.07	70	30	130
Phenanthrene	50	0.0	30.70	61	30	130
Benz(a)anthracene	50	0.0	33.49	67	30	130
Chrysene	50	0.0	32.94	66	30	130
Benzo(b)fluoranthene	50	0.0	34.04	68	30	130
Benzo(k)fluoranthene	50	0.0	34.58	69	30	130
Benzo(a)pyrene	50	0.0	34.23	68	30	130
Indeno(1,2,3-cd)pyrene	50	0.0	33.75	68	30	130
Dibenz(a,h)anthracene	50	0.0	37.60	75	30	130
Benzo(ghi)perylene	50	0.0	36.11	72	30	130
COMPOUND	SPIKE ADDED ug/L	LCSD CONCENTRATION ug/L	LCSD % REC #	% RPD	QC LIMITS	
					RPD	REC.
N-nitrosodimethylamine	50	35.09	70	29.5 *	20	30 130
Nitrobenzene	50	34.74	69	19.0	20	30 130
Hexachlorobutadiene	50	32.90	66	21.8 *	20	30 130
Hexachlorocyclopentadiene	50	15.71	31	21.4 *	20	30 130
Acenaphthylene	50	28.85	58	14.8	20	30 130
Hexachlorobenzene	50	36.42	73	17.9	20	30 130
Pentachlorophenol	50	41.43	83	17.0	20	30 130
Phenanthrene	50	34.94	70	13.7	20	30 130
Benz(a)anthracene	50	38.02	76	12.6	20	30 130
Chrysene	50	37.20	74	11.4	20	30 130
Benzo(b)fluoranthene	50	38.21	76	11.1	20	30 130
Benzo(k)fluoranthene	50	39.59	79	13.5	20	30 130
Benzo(a)pyrene	50	38.66	77	12.4	20	30 130
Indeno(1,2,3-cd)pyrene	50	37.72	75	9.8	20	30 130
Dibenz(a,h)anthracene	50	42.37	85	12.5	20	30 130
Benzo(ghi)perylene	50	40.00	80	10.5	20	30 130

FORM III SV

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID
MW-1

Client:

LABELLA

Lab:

Phoenix Env. Labs

SDG No.:

GCR82666

Lab Sample ID:

CR82666

Sample wt/vol:

960.0

(g/mL)

mL

Lab File ID:

1018_13.D

Concentrated Extract Volume:

1000

(uL)

Date Received:

10/09/24

% Moisture:

n.a.

Date Extracted:

10/15/24

Instrument:

CHEM06

Inj. Vol.

1.0

(uL)

Date Analyzed:

10/18/24

GPC Cleanup:(Y/N)

N

pH:

Dilution Factor:

1

Matrix: (soil/water)

Water

CONCENTRATION UNITS:(ug/L or ug/Kg)

ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	10	U	1.3	10	r
108-95-2	Phenol	1.0	U	1.0	1.0	r
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	1.0	r
62-53-3	Aniline	3.6	UJ	3.6	3.6	r
95-57-8	2-Chlorophenol	1.0	U	1.0	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	1.0	r
95-48-7	2-Methylphenol (o-cresol)	1.0	U	1.0	1.0	r
108-60-1	Bis(2-chloroisopropyl)ether	5.2	U	1.4	5.2	r
621-64-7	N-Nitrosodi-n-propylamine	5.2	U	1.7	5.2	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	1.0	U	1.0	1.0	r
98-86-2	Acetophenone	5.2	U	1.6	5.2	r
67-72-1	Hexachloroethane	1.0	U	1.0	1.0	r
78-59-1	Isophorone	5.2	U	1.5	5.2	r
88-75-5	2-Nitrophenol	1.0	UJ	1.0	1.0	r
105-67-9	2,4-Dimethylphenol	1.0	U	1.0	1.0	r
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	1.4	5.2	r
65-85-0	Benzoic Acid	26	U	10	26	r
120-83-2	2,4-Dichlorophenol	1.0	U	1.0	1.0	r
120-82-1	1,2,4-Trichlorobenzene	5.2	U	1.6	5.2	r
91-20-3	Naphthalene	5.2	U	1.5	5.2	r
106-47-8	4-Chloroaniline	3.6	UJ	2.4	3.6	r
59-50-7	4-Chloro-3-methylphenol	1.0	U	1.0	1.0	r
91-57-6	2-Methylnaphthalene	5.2	U	1.5	5.2	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.6	U	3.6	3.6	r
88-06-2	2,4,6-Trichlorophenol	1.0	U	1.0	1.0	r
95-95-4	2,4,5-Trichlorophenol	1.0	U	1.0	1.0	r
91-58-7	2-Chloronaphthalene	5.2	U	1.5	5.2	r
100-01-6	4-Nitroaniline	5.2	U	1.7	5.2	r
131-11-3	Dimethylphthalate	5.2	U	1.6	5.2	r
606-20-2	2,6-Dinitrotoluene	5.2	U	1.6	5.2	r
99-09-2	3-Nitroaniline	5.2	U	2.1	5.2	r
83-32-9	Acenaphthene	5.2	U	1.6	5.2	r
51-28-5	2,4-Dinitrophenol	1.0	UJ	1.0	1.0	r
132-64-9	Dibenzofuran	5.2	U	1.5	5.2	r

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82666	
Sample wt/vol:	960.0	(g/mL)	mL	Lab File ID:	1018_13.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)					CLIENT ID MW-2	
Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82667	
Sample wt/vol:	1040	(g/mL)	mL	Lab File ID:	1017_42.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.				Date Extracted:	10/15/24
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

FORM I SV
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1				CLIENT ID MW-2	
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)					
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666		Lab Sample ID:	CR82667	
Sample wt/vol:	1040	(g/mL)	mL	Lab File ID:	1018_14.D
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24
% Moisture:	n.a.			Date Extracted:	10/15/24
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/18/24
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Water		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.6	U	1.2	9.6	r
108-95-2	Phenol	2.3		0.96	0.96	r
111-44-4	Bis(2-chloroethyl)ether	0.96	U	0.96	0.96	r
62-53-3	Aniline	3.4	UJ	3.4	3.4	r
95-57-8	2-Chlorophenol	0.96	U	0.96	0.96	r
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.96	r
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.96	r
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.96	r
95-48-7	2-Methylphenol (o-cresol)	0.96	U	0.96	0.96	r
108-60-1	Bis(2-chloroisopropyl)ether	4.8	U	1.3	4.8	r
621-64-7	N-Nitrosodi-n-propylamine	4.8	U	1.6	4.8	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.96	U	0.96	0.96	r
98-86-2	Acetophenone	4.8	U	1.5	4.8	r
67-72-1	Hexachloroethane	0.96	U	0.96	0.96	r
78-59-1	Isophorone	4.8	U	1.3	4.8	r
88-75-5	2-Nitrophenol	0.96	UJ	0.96	0.96	r
105-67-9	2,4-Dimethylphenol	0.96	U	0.96	0.96	r
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	1.3	4.8	r
65-85-0	Benzoic Acid	24	U	9.6	24	r
120-83-2	2,4-Dichlorophenol	0.96	U	0.96	0.96	r
120-82-1	1,2,4-Trichlorobenzene	4.8	U	1.4	4.8	r
91-20-3	Naphthalene	4.8	U	1.4	4.8	r
106-47-8	4-Chloroaniline	3.4	UJ	2.2	3.4	r
59-50-7	4-Chloro-3-methylphenol	0.96	U	0.96	0.96	r
91-57-6	2-Methylnaphthalene	4.8	U	1.4	4.8	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.4	U	3.4	3.4	r
88-06-2	2,4,6-Trichlorophenol	0.96	U	0.96	0.96	r
95-95-4	2,4,5-Trichlorophenol	0.96	U	0.96	0.96	r
91-58-7	2-Chloronaphthalene	4.8	U	1.4	4.8	r
100-01-6	4-Nitroaniline	4.8	U	1.6	4.8	r
131-11-3	Dimethylphthalate	4.8	U	1.5	4.8	r
606-20-2	2,6-Dinitrotoluene	4.8	U	1.5	4.8	r
99-09-2	3-Nitroaniline	4.8	U	1.9	4.8	r
83-32-9	Acenaphthene	4.8	U	1.5	4.8	r
51-28-5	2,4-Dinitrophenol	0.96	UJ	0.96	0.96	r
132-64-9	Dibenzofuran	4.8	U	1.4	4.8	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82667	
Sample wt/vol:	1040	(g/mL)	mL	Lab File ID:	1018_14.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Hexachlorocyclopentadiene is qualified within samples are associated with CHEM69, as rejected "R" values due to recovery below laboratory limits. Qualification of analyte Pentachlororphenol as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)					CLIENT ID MW-3	
Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82668	
Sample wt/vol:	1065	(g/mL)	mL	Lab File ID:	1017_43.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L				

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1				CLIENT ID MW-3	
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)					
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666		Lab Sample ID:	CR82668	
Sample wt/vol:	1065	(g/mL) mL	Lab File ID:	1018_15.D	
Concentrated Extract Volume:	1000	(uL)	Date Received:	10/09/24	
% Moisture:	n.a.		Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1	
Matrix: (soil/water)	Water		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.4	U	1.2	9.4	r
108-95-2	Phenol	3.0		0.94	0.94	r
111-44-4	Bis(2-chloroethyl)ether	0.94	U	0.94	0.94	r
62-53-3	Aniline	3.3	UJ	3.3	3.3	r
95-57-8	2-Chlorophenol	0.94	U	0.94	0.94	r
541-73-1	1,3-Dichlorobenzene	0.94	U	0.94	0.94	r
106-46-7	1,4-Dichlorobenzene	0.94	U	0.94	0.94	r
95-50-1	1,2-Dichlorobenzene	0.94	U	0.94	0.94	r
95-48-7	2-Methylphenol (o-cresol)	0.94	U	0.94	0.94	r
108-60-1	Bis(2-chloroisopropyl)ether	4.7	U	1.3	4.7	r
621-64-7	N-Nitrosodi-n-propylamine	4.7	U	1.5	4.7	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.94	U	0.94	0.94	r
98-86-2	Acetophenone	4.7	U	1.5	4.7	r
67-72-1	Hexachloroethane	0.94	U	0.94	0.94	r
78-59-1	Isophorone	4.7	U	1.3	4.7	r
88-75-5	2-Nitrophenol	0.94	UJ	0.94	0.94	r
105-67-9	2,4-Dimethylphenol	0.94	U	0.94	0.94	r
111-91-1	Bis(2-chloroethoxy)methane	4.7	U	1.3	4.7	r
65-85-0	Benzoic Acid	24	U	9.4	24	r
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	0.94	r
120-82-1	1,2,4-Trichlorobenzene	4.7	U	1.4	4.7	r
91-20-3	Naphthalene	4.7	U	1.4	4.7	r
106-47-8	4-Chloroaniline	3.3	UJ	2.2	3.3	r
59-50-7	4-Chloro-3-methylphenol	0.94	U	0.94	0.94	r
91-57-6	2-Methylnaphthalene	4.7	U	1.4	4.7	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.3	U	3.3	3.3	r
88-06-2	2,4,6-Trichlorophenol	0.94	U	0.94	0.94	r
95-95-4	2,4,5-Trichlorophenol	0.94	U	0.94	0.94	r
91-58-7	2-Chloronaphthalene	4.7	U	1.3	4.7	r
100-01-6	4-Nitroaniline	4.7	U	1.6	4.7	r
131-11-3	Dimethylphthalate	4.7	U	1.5	4.7	r
606-20-2	2,6-Dinitrotoluene	4.7	U	1.5	4.7	r
99-09-2	3-Nitroaniline	4.7	U	1.9	4.7	r
83-32-9	Acenaphthene	4.7	U	1.4	4.7	r
51-28-5	2,4-Dinitrophenol	0.94	UJ	0.94	0.94	r
132-64-9	Dibenzofuran	4.7	U	1.4	4.7	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV of CHEM06.

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

CLIENT ID

MW-3

Client: LABELLA

Lab: Phoenix Env. Labs

SDG No.: GCR82666

Lab Sample ID: CR82668

Sample wt/vol: 1065 (g/mL) mL

Lab File ID: 1018_15.D

Concentrated Extract Volume: 1000 (uL)

Date Received: 10/09/24

% Moisture: n.a.

Date Extracted: 10/15/24

Instrument: CHEM06 Inj. Vol. 1.0 (uL)

Date Analyzed: 10/18/24

GPC Cleanup:(Y/N) N pH:

Dilution Factor: 1

Matrix: (soil/water) Water

CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)					CLIENT ID MW-4	
Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82669	
Sample wt/vol:	1035	(g/mL)	mL	Lab File ID:	1017_44.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water	CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L				

[illegible]

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	MW-4
SDG No.:	<u>GCR82666</u>	Lab Sample ID:	<u>CR82669</u>	
Sample wt/vol:	<u>1035</u> (g/mL) <u>mL</u>	Lab File ID:	<u>1018_16.D</u>	
Concentrated Extract Volume:	<u>1000</u> (uL)	Date Received:	<u>10/09/24</u>	
% Moisture:	<u>n.a.</u>	Date Extracted:	<u>10/15/24</u>	
Instrument:	<u>CHEM06</u>	Inj. Vol.	<u>1.0</u> (uL)	Date Analyzed:
GPC Cleanup:(Y/N)	<u>N</u>	pH:	<u></u>	Dilution Factor:
Matrix: (soil/water)	<u>Water</u>	CONCENTRATION UNITS:(ug/L or ug/Kg) <u>ug/L</u>		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.7	U	1.2	9.7	r
108-95-2	Phenol	0.97	U	0.97	0.97	r
111-44-4	Bis(2-chloroethyl)ether	0.97	U	0.97	0.97	r
62-53-3	Aniline	3.4	UJ	3.4	3.4	r
95-57-8	2-Chlorophenol	0.97	U	0.97	0.97	r
541-73-1	1,3-Dichlorobenzene	0.97	U	0.97	0.97	r
106-46-7	1,4-Dichlorobenzene	0.97	U	0.97	0.97	r
95-50-1	1,2-Dichlorobenzene	0.97	U	0.97	0.97	r
95-48-7	2-Methylphenol (o-cresol)	0.97	U	0.97	0.97	r
108-60-1	Bis(2-chloroisopropyl)ether	4.9	U	1.3	4.9	r
621-64-7	N-Nitrosodi-n-propylamine	4.9	U	1.6	4.9	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.97	U	0.97	0.97	r
98-86-2	Acetophenone	4.9	U	1.5	4.9	r
67-72-1	Hexachloroethane	0.97	U	0.97	0.97	r
78-59-1	Isophorone	4.9	U	1.4	4.9	r
88-75-5	2-Nitrophenol	0.97	UJ	0.97	0.97	r
105-67-9	2,4-Dimethylphenol	0.97	U	0.97	0.97	r
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	1.3	4.9	r
65-85-0	Benzoic Acid	24	U	9.7	24	r
120-83-2	2,4-Dichlorophenol	0.97	U	0.97	0.97	r
120-82-1	1,2,4-Trichlorobenzene	4.9	U	1.5	4.9	r
91-20-3	Naphthalene	4.9	U	1.4	4.9	r
106-47-8	4-Chloroaniline	3.4	UJ	2.3	3.4	r
59-50-7	4-Chloro-3-methylphenol	0.97	U	0.97	0.97	r
91-57-6	2-Methylnaphthalene	4.9	U	1.4	4.9	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.4	U	3.4	3.4	r
88-06-2	2,4,6-Trichlorophenol	0.97	U	0.97	0.97	r
95-95-4	2,4,5-Trichlorophenol	0.97	U	0.97	0.97	r
91-58-7	2-Chloronaphthalene	4.9	U	1.4	4.9	r
100-01-6	4-Nitroaniline	4.9	U	1.6	4.9	r
131-11-3	Dimethylphthalate	4.9	U	1.5	4.9	r
606-20-2	2,6-Dinitrotoluene	4.9	U	1.5	4.9	r
99-09-2	3-Nitroaniline	4.9	U	1.9	4.9	r
83-32-9	Acenaphthene	4.9	U	1.5	4.9	r
51-28-5	2,4-Dinitrophenol	0.97	UJ	0.97	0.97	r
132-64-9	Dibenzofuran	4.9	U	1.4	4.9	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW-4

CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

FORM I SV

11/23/2024

Reviewer Comment: Hexachlorocyclopentadiene is qualified within samples are associated with CHEM69, as rejected "R" values due to recovery below laboratory limits. Qualification of analyte Pentachlorophenol as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)					CLIENT ID MW-5	
Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82670	
Sample wt/vol:	1055	(g/mL)	mL	Lab File ID:	1017_45.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg)		
					ug/L	

[illegible]

Reviewer Comment: Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV of CHEM06. 4-Chloroaniline did not meet minimum response led to qualification as rejection "R" value.

1				CLIENT ID	
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)				MW-5	
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666		Lab Sample ID:	CR82670	
Sample wt/vol:	1055	(g/mL) mL	Lab File ID:	1018_17.D	
Concentrated Extract Volume:	1000	(uL)	Date Received:	10/09/24	
% Moisture:	n.a.		Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1	
Matrix: (soil/water)	Water		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.5	U	1.2	9.5	r
108-95-2	Phenol	0.95	U	0.95	0.95	r
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.95	r
62-53-3	Aniline	3.3	UJ	3.3	3.3	r
95-57-8	2-Chlorophenol	0.95	U	0.95	0.95	r
541-73-1	1,3-Dichlorobenzene	0.95	U	0.95	0.95	r
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	0.95	r
95-50-1	1,2-Dichlorobenzene	0.95	U	0.95	0.95	r
95-48-7	2-Methylphenol (o-cresol)	0.95	U	0.95	0.95	r
108-60-1	Bis(2-chloroisopropyl)ether	4.8	U	1.3	4.8	r
621-64-7	N-Nitrosodi-n-propylamine	4.8	U	1.5	4.8	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.95	U	0.95	0.95	r
98-86-2	Acetophenone	4.8	U	1.5	4.8	r
67-72-1	Hexachloroethane	0.95	U	0.95	0.95	r
78-59-1	Isophorone	4.8	U	1.3	4.8	r
88-75-5	2-Nitrophenol	0.95	UJ	0.95	0.95	r
105-67-9	2,4-Dimethylphenol	0.95	U	0.95	0.95	r
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	1.3	4.8	r
65-85-0	Benzoic Acid	24	U	9.5	24	r
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	0.95	r
120-82-1	1,2,4-Trichlorobenzene	4.8	U	1.4	4.8	r
91-20-3	Naphthalene	4.8	U	1.4	4.8	r
106-47-8	4-Chloroaniline	3.3	UJ	2.2	3.3	r
59-50-7	4-Chloro-3-methylphenol	0.95	U	0.95	0.95	r
91-57-6	2-Methylnaphthalene	4.8	U	1.4	4.8	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.3	U	3.3	3.3	r
88-06-2	2,4,6-Trichlorophenol	0.95	U	0.95	0.95	r
95-95-4	2,4,5-Trichlorophenol	0.95	U	0.95	0.95	r
91-58-7	2-Chloronaphthalene	4.8	U	1.3	4.8	r
100-01-6	4-Nitroaniline	4.8	U	1.6	4.8	r
131-11-3	Dimethylphthalate	4.8	U	1.5	4.8	r
606-20-2	2,6-Dinitrotoluene	4.8	U	1.5	4.8	r
99-09-2	3-Nitroaniline	4.8	U	1.9	4.8	r
83-32-9	Acenaphthene	4.8	U	1.4	4.8	r
51-28-5	2,4-Dinitrophenol	0.95	UJ	0.95	0.95	r
132-64-9	Dibenzofuran	4.8	U	1.4	4.8	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82670	
Sample wt/vol:	1055	(g/mL)	mL	Lab File ID:	1018_17.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)				CLIENT ID MW-6	
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666		Lab Sample ID:	CR82671	
Sample wt/vol:	1045	(g/mL)	mL	Lab File ID:	1017_46.D
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24
% Moisture:	n.a.			Date Extracted:	10/15/24
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/18/24
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1
Matrix: (soil/water)	Water		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

FORM I SV
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV of CHEM06. 4-Chloroaniline did not meet minimum response led to qualification as rejection "R" value.

1				CLIENT ID	
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)				MW-6	
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666		Lab Sample ID:	CR82671	
Sample wt/vol:	1045	(g/mL) mL	Lab File ID:	1018_18.D	
Concentrated Extract Volume:	1000	(uL)	Date Received:	10/09/24	
% Moisture:	n.a.		Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1	
Matrix: (soil/water)	Water		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.6	U	1.2	9.6	r
108-95-2	Phenol	0.96	U	0.96	0.96	r
111-44-4	Bis(2-chloroethyl)ether	0.96	U	0.96	0.96	r
62-53-3	Aniline	3.4	UJ	3.4	3.4	r
95-57-8	2-Chlorophenol	0.96	U	0.96	0.96	r
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.96	r
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.96	r
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.96	r
95-48-7	2-Methylphenol (o-cresol)	0.96	U	0.96	0.96	r
108-60-1	Bis(2-chloroisopropyl)ether	4.8	U	1.3	4.8	r
621-64-7	N-Nitrosodi-n-propylamine	4.8	U	1.6	4.8	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.96	U	0.96	0.96	r
98-86-2	Acetophenone	4.8	U	1.5	4.8	r
67-72-1	Hexachloroethane	0.96	U	0.96	0.96	r
78-59-1	Isophorone	4.8	U	1.3	4.8	r
88-75-5	2-Nitrophenol	0.96	UJ	0.96	0.96	r
105-67-9	2,4-Dimethylphenol	0.96	U	0.96	0.96	r
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	1.3	4.8	r
65-85-0	Benzoic Acid	24	U	9.6	24	r
120-83-2	2,4-Dichlorophenol	0.96	U	0.96	0.96	r
120-82-1	1,2,4-Trichlorobenzene	4.8	U	1.4	4.8	r
91-20-3	Naphthalene	4.8	U	1.4	4.8	r
106-47-8	4-Chloroaniline	3.4	UJ	2.2	3.4	r
59-50-7	4-Chloro-3-methylphenol	0.96	U	0.96	0.96	r
91-57-6	2-Methylnaphthalene	4.8	U	1.4	4.8	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.4	U	3.4	3.4	r
88-06-2	2,4,6-Trichlorophenol	0.96	U	0.96	0.96	r
95-95-4	2,4,5-Trichlorophenol	0.96	U	0.96	0.96	r
91-58-7	2-Chloronaphthalene	4.8	U	1.4	4.8	r
100-01-6	4-Nitroaniline	4.8	U	1.6	4.8	r
131-11-3	Dimethylphthalate	4.8	U	1.5	4.8	r
606-20-2	2,6-Dinitrotoluene	4.8	U	1.5	4.8	r
99-09-2	3-Nitroaniline	4.8	U	1.9	4.8	r
83-32-9	Acenaphthene	4.8	U	1.5	4.8	r
51-28-5	2,4-Dinitrophenol	0.96	UJ	0.96	0.96	r
132-64-9	Dibenzofuran	4.8	U	1.4	4.8	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82671	
Sample wt/vol:	1045	(g/mL)	mL	Lab File ID:	1018_18.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (SIM SCAN)					CLIENT ID MW-14	
Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82672	
Sample wt/vol:	1050	(g/mL)	mL	Lab File ID:	1017_47.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM69	Inj. Vol.	(uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

FORM I SV
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Qualification of several analytes as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV of CHEM06. 4-Chloroaniline did not meet minimum response led to qualification as rejection "R" value.

1				CLIENT ID MW-14	
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)					
Client:	LABELLA		Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666		Lab Sample ID:	CR82672	
Sample wt/vol:	1050	(g/mL) mL	Lab File ID:	1018_19.D	
Concentrated Extract Volume:	1000	(uL)	Date Received:	10/09/24	
% Moisture:	n.a.		Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol. 1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:	Dilution Factor:	1	
Matrix: (soil/water)	Water		CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
110-86-1	Pyridine	9.5	U	1.2	9.5	r
108-95-2	Phenol	0.95	U	0.95	0.95	r
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.95	r
62-53-3	Aniline	3.3	UJ	3.3	3.3	r
95-57-8	2-Chlorophenol	0.95	U	0.95	0.95	r
541-73-1	1,3-Dichlorobenzene	0.95	U	0.95	0.95	r
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	0.95	r
95-50-1	1,2-Dichlorobenzene	0.95	U	0.95	0.95	r
95-48-7	2-Methylphenol (o-cresol)	0.95	U	0.95	0.95	r
108-60-1	Bis(2-chloroisopropyl)ether	4.8	U	1.3	4.8	r
621-64-7	N-Nitrosodi-n-propylamine	4.8	U	1.5	4.8	r
HNX - M&P CRESO	3&4-Methylphenol (m&p-cresol)	0.95	U	0.95	0.95	r
98-86-2	Acetophenone	4.8	U	1.5	4.8	r
67-72-1	Hexachloroethane	0.95	U	0.95	0.95	r
78-59-1	Isophorone	4.8	U	1.3	4.8	r
88-75-5	2-Nitrophenol	0.95	UJ	0.95	0.95	r
105-67-9	2,4-Dimethylphenol	0.95	U	0.95	0.95	r
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	1.3	4.8	r
65-85-0	Benzoic Acid	24	U	9.5	24	r
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	0.95	r
120-82-1	1,2,4-Trichlorobenzene	4.8	U	1.4	4.8	r
91-20-3	Naphthalene	4.8	U	1.4	4.8	r
106-47-8	4-Chloroaniline	3.3	UJ	2.2	3.3	r
59-50-7	4-Chloro-3-methylphenol	0.95	U	0.95	0.95	r
91-57-6	2-Methylnaphthalene	4.8	U	1.4	4.8	r
95-94-3	1,2,4,5-Tetrachlorobenzene	3.3	U	3.3	3.3	r
88-06-2	2,4,6-Trichlorophenol	0.95	U	0.95	0.95	r
95-95-4	2,4,5-Trichlorophenol	0.95	U	0.95	0.95	r
91-58-7	2-Chloronaphthalene	4.8	U	1.3	4.8	r
100-01-6	4-Nitroaniline	4.8	U	1.6	4.8	r
131-11-3	Dimethylphthalate	4.8	U	1.5	4.8	r
606-20-2	2,6-Dinitrotoluene	4.8	U	1.5	4.8	r
99-09-2	3-Nitroaniline	4.8	U	1.9	4.8	r
83-32-9	Acenaphthene	4.8	U	1.4	4.8	r
51-28-5	2,4-Dinitrophenol	0.95	UJ	0.95	0.95	r
132-64-9	Dibenzofuran	4.8	U	1.4	4.8	r

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET (FULL SCAN)

Client:	LABELLA			Lab:	Phoenix Env. Labs	
SDG No.:	GCR82666			Lab Sample ID:	CR82672	
Sample wt/vol:	1050	(g/mL)	mL	Lab File ID:	1018_19.D	
Concentrated Extract Volume:	1000	(uL)		Date Received:	10/09/24	
% Moisture:	n.a.			Date Extracted:	10/15/24	
Instrument:	CHEM06	Inj. Vol.	1.0 (uL)	Date Analyzed:	10/18/24	
GPC Cleanup:(Y/N)	N	pH:		Dilution Factor:	1	
Matrix: (soil/water)	Water			CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L		

[illegible]

FORM I SV

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8082A PCB

Lab Job ID: GCR82666

Lab ID	Field ID	Collection Date	Matrix
CR82666	MW-1	10/8/2024	Water
CR82667	MW-2	10/8/2024	Water
CR82668	MW-3	10/8/2024	Water
CR82669	MW-4	10/8/2024	Water
CR82670	MW-5	10/8/2024	Water
CR82671	MW-6	10/8/2024	Water
CR82672	MW-14	10/8/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

- It is noted by reviewer that QA/QC samples laboratory blanks, laboratory control samples and matrix samples were all conducted on instrument ECD8 while samples were analyzed on ECD29. Samples are evaluated based on data collected on instrument such as surrogates, initial and continuing calibrations. If analytes were detected, they would be qualified as estimate "J" values. No analytes were present. Sample evaluated on ECD24 had QA/QC samples of blanks and laboratory controls samples and were evaluate normally.
- Within continuous calibration some compounds were outside of %D of instrument ECD29, samples are qualified as non-detect estimate "UJ" values. ECD24 had a failure of %D, but was below SOP standards, no further qualification needed.
- Surrogate failure occurred in CR8672 leading to qualification of all analytes as non-detect estimate "UJ". values.

All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCSR82666



8082A PCB

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6 °C	x			
B. Initial Calibration				
Was a 5 point calibration?	x			
RSD% for CF are within verification perimeter?	x			
Verified RT window. CFs and RSD are calculated and within bounds?	x			
C. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			Compounds were outside of %D within associated CCVs of instrument ECD29 led to qualification within samples of Aroclor 1016 and 1260 as non-detect estimate "UJ" values. ECD24 had a failure of %D, but was below SOP standards, no further qualification needed. See attachment.
Were (%D) and relative respond factors (RRF) within bounds of CCV.	x			
Were the RTs of each target and surrogate in Aroclor standard (C3) and within RT window?		x		
D. Laboratory/Field Blanks				
Was a lab blank associated with each sample of SDG?		x		Sample conducted in of ECD24 had blanks associated within criteria. Samples run on instrument EDC29 had no blank run on the instrument, no analytes are detected in any associated samples. No further qualification needed.
Was blank analyzed every 20 samples?	x			
Were sulfur blanks run if needed?		x		
Were contamination found, if so qualification may be necessary.		x		

Criteria	Y	N	NA	Comment
E. Surrogate Spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			Surrogate failure occurred in CR82672 leading to qualification of all analytes as non-detect estimate "UJ" values. See attachment.
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?		x		
F. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Were MS/MSD (%R) and RPD within QC?			x	
G. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			Sample conducted on ECD24 had LCS/LCSD associated within criteria. While laboratory control samples were present, they were analyzed on a different instrument than samples evaluated on ECD29 thus no qualification will be made based on this data.
Was LCS (%R) QC Limits?	x			
H. Target Analyte Identification				
Were relative retention times (RRTs) within ± 0.05 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
I. GC/MS Confirmation				
GC/MS was performed at least one peak concentration ≥ 10 ng/ μ L.	x			
J. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL calculated correctly?	x			

Criteria	Y	N	NA	Comment
K. Field Duplicates				
Were Field Duplicated identified within sample package?		x		
Was RPD less than 50%?			x	
L. EPA Regional QA/QC				
Were QA/QC performed under regional criterion?	x			
Were field duplicates collected?	x			
M. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification occurred due to calibration and to surrogate failure. All results are within Cat. B criterion and usable.



Calculation Spot Check

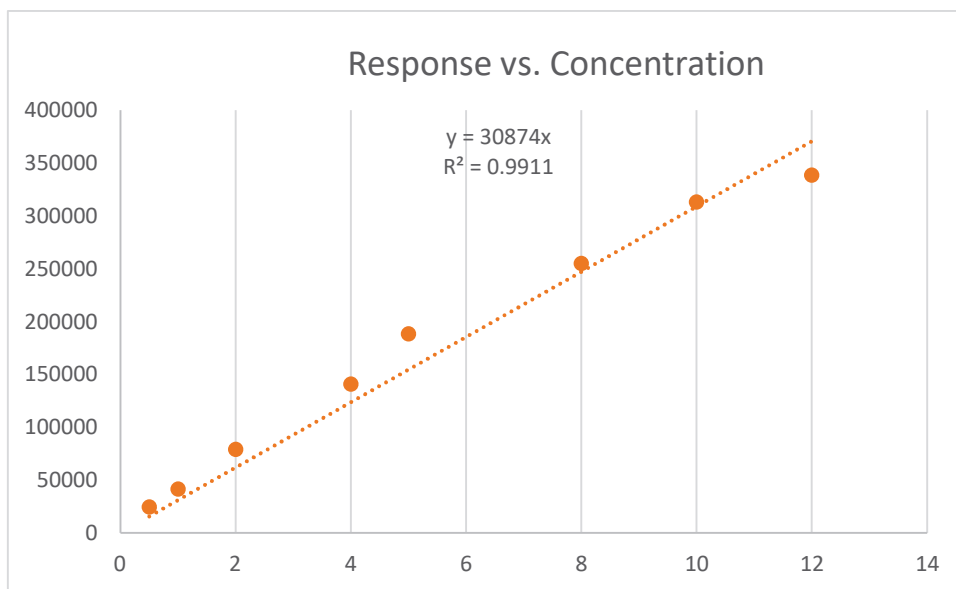
Instrument: ECD29

ICV Date and Time: 09/18/2024

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.044	0.5	24231.2
LV2	0.043	1	41273.44
LV3	0.039	2.0000	78869.97
LV4	0.035	4.0000	140472.44
LV5	0.034	5.0000	188186.8
LV6	0.034	8.0000	254597.39
LV7	0.032	10.0000	312761.03
LV8	0.051	12.0000	338228.4
Mean	0.039		
%RSD	16.79		

Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.





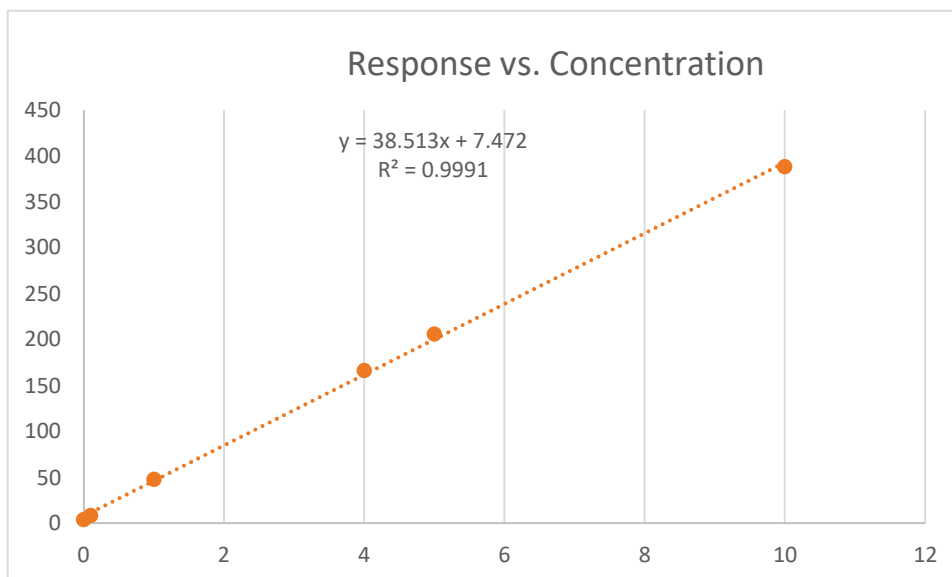
Calculation Spot Check

Instrument: ECD24

ICV Date and Time: 10/09/24

Compound: Aroclor 1016-1

	CF	Concentration	Area
LV1	0.020	0.5	6919.28
LV2	0.024	1	20201.76
LV3	0.026	2.0000	45509.6
LV4	0.026	4.0000	98704.56
LV5	0.026	5.0000	146391.44
LV6	0.025	8.0000	202575.28
LV7	0.026	10.0000	244599.68
LV8	0.014	12.0000	287238.8
Mean	0.023		
%RSD	18.43		



Note: RSD was not reproducible to laboratory finding but within the 20% for acceptable criteria.

Reviewer Comment: Qualification of analyte Aroclor 1260 (Primary) as non-detect estimate “UJ” values within associated samples (MW-2, MW-3) due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR82666
GC Col A:	RTX-440	ID:	0.53	(mm)	Init. Calib. Date(s): 09/18/24 09/18/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;45g			Date Analyzed:	10/10/24
LAB Sample ID (PEM):	mix 600;45g - O10A022			Time Analyzed:	14:55
Instrument:	ECD29			File:	O10A022

[illegible]

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor 1016 (Confirmation) as non-detect estimate "UJ" values within associated samples (MW-2, MW-3) due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR82666
GC Col B:	Rxi-35sil ms	ID: 0.32 (mm)	Init. Calib. Date(s):		09/18/24 09/18/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;45g			Date Analyzed:	10/10/24
LAB Sample ID (PEM):	mix 600;45g - O10B022			Time Analyzed:	14:55
Instrument:	ECD29			File:	O10B022

[illegible]

QC LIMITS:
%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer Comment: Qualification of analyte Aroclor 1016 (Confirmation) as non-detect estimate "UJ" values within associated samples (MW-1, MW-4, MW-5, MW-6) due to %D results above SOP limits of 25%.

7D
PCB CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name:	Phoenix Environmental		Client:	LABELLA	
Lab Code:	Phoenix	Case No.:	SAS No.:		SDG No.: GCR82666
GC Col B:	Rxi-35sil ms	ID: 0.32 (mm)	Init. Calib. Date(s):		09/18/24 09/18/24
EPA Sample No.(PIBLK):				Date Analyzed:	
LAB Sample ID (PIBLK):				Time Analyzed:	
EPA Sample No.(PEM):	mix 600;45g			Date Analyzed:	10/11/24
LAB Sample ID (PEM):	mix 600;45g - O10B048			Time Analyzed:	0:45
Instrument:	ECD29			File:	O10B048

[illegible]

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PCB

Reviewer comment: Due to failure of all surrogates within sample CR82672 which led to qualification of all analytes as non-detect estimate "UJ" values.

2E
WATER PCB SURROGATE RECOVERY

Lab Name: Phoenix Environmental Client: LABELLA
 Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666
 GC Column(1): RTX-440 ID: 0.32 (mm) GC Column(2): Rxi-35Sil ID: 0.32 (mm)

	LAB ID	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	TOT OUT	FILE ID
01	CR81261 BL	60		61		87		86		0	ECD8 O10A030 O10B030
02	CR81261 LCS	37		37		79		78		0	ECD8 O10A031 O10B031
03	CR81261 LCSD	48		46		96		91		0	ECD8 O10A032 O10B032
04	CR81265 BL	50		51		70		69		0	ECD24 O12A005 O12B005
05	CR81265 LCS	82		84		89		75		0	ECD24 O12A006 O12B006
06	CR81265 LCSD	76		75		76		70		0	ECD24 O12A007 O12B007
07	CR82666	58		55		53		48		0	ECD29 O10A037 O10B037
08	CR82667	67		68		57		52		0	ECD29 O10A023 O10B023
09	CR82668	59		57		60		55		0	ECD29 O10A024 O10B024
10	CR82669	55		54		60		54		0	ECD29 O10A040 O10B040
11	CR82670	42		43		35		31		0	ECD29 O10A038 O10B038
12	CR82671	53		50		44		38		0	ECD29 O10A039 O10B039
13	CR82672	13	*	12	*	27	*	24	*	4	ECD24 O12A018 O12B018
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene 30 - 150
 DCB = Decachlorobiphenyl 30 - 150

= Column to be used to flag recovery values
 * = Values outside of contract required QC limits
 D = Surrogate diluted out
 Int = Surrogate not reported due to Interference

Reviewer Comment: Qualification of analyte Aroclor-1016 as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file O10B048.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-1

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: Rxi-35sil ms 0.32

SDG No.: GCR82666

Matrix: (soil/water) WATER Lab Sample ID: CR82666

Sample wt/vol: 1060 (g/mL) mL Lab File ID: O10B037

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/09/24
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Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1060.00\text{wt-vol}) = 0.047$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of analyte Aroclor-1260 as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file O10A022.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO. _____

MW-2

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: RTX-440 0.32

SDG No.: GCR82666

Matrix: (soil/water) WATER Lab Sample ID: CR82667

Sample wt/vol: 1065 (g/mL) mL Lab File ID: O10A023

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/09/24
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Extraction: (SepF/Cont/Ase) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1065.00\text{wt-vol}) = 0.047$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of analyte Aroclor-1260 as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file O10A022.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO. _____

MW-3

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: RTX-440 0.32

SDG No.: GCR82666

Matrix: (soil/water) WATER Lab Sample ID: CR82668

Sample wt/vol: 1065 (g/mL) mL Lab File ID: O10A024

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/09/24
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Extraction: (SepF/Cont/Ase) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1065.00\text{wt-vol}) = 0.047$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of analyte Aroclor-1016 as non-detect estimate “UJ” values is due to %D results above laboratory limit within associated CCV file O10B048.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: Rxi-35sil ms 0.32

SDG No.: GCR82666

Matrix: (soil/water) WATER Lab Sample ID: CR82669

Sample wt/vol: 1055 (g/mL) mL Lab File ID: O10B040

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/09/24
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Extraction: (SepF/Cont/Ase) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1055.00\text{wt-vol}) = 0.048$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Qualification of analyte Aroclor-1016 as non-detect estimate "UJ" values is due to %D results above laboratory limit within associated CCV file O10B048.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD29 Column.: Rxi-35sil ms 0.32

SDG No.: GCR82666

Matrix: (soil/water) WATER Lab Sample ID: CR82671

Sample wt/vol: 1058 (g/mL) mL Lab File ID: O10B039

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/09/24
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Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1058.00\text{wt-vol}) = 0.048$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer comment: Due to failure of all surrogates within sample to qualification of all analytes as non-detect estimate "UJ" values.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD24 Column.: RTX-440 0.32

SDG No.: GCR82666

Matrix: (soil/water) WATER Lab Sample ID: CR82672

Sample wt/vol: 1055 (g/mL) mL Lab File ID: O12A018

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/09/24
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Extraction: (SepF/Cont/Ase) Cont Date Extracted: 10/11/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/12/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4

Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1055.00\text{wt-vol}) = 0.048$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer comment: Due to failure of all surrogates within sample to qualification of all analytes as non-detect estimate "UJ" values.

1D
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD24 Column.: RXI-35SI 0.32

SDG No.: GCR82666

Matrix: (soil/water) WATER Lab Sample ID: CR82672

Sample wt/vol: 1055 (g/mL) mL Lab File ID: O12B018

% Moisture:	n.a.	decanted: (Y/N)	N	Date Received:	10/09/24
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Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/11/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/12/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

[illegible]

11100-14-4 Sample PQL Calc: $(50\text{raw} * 1\text{df} * 1\text{fv}) / (1055.00\text{wt-vol}) = 0.048$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8081B Pesticides

Lab Job ID: GCR82666

Lab ID	Field ID	Collection Date	Matrix
GCR82666	MW-1	10/8/2024	Water
GCR82667	MW-2	10/8/2024	Water
GCR82668	MW-3	10/8/2024	Water
GCR82669	MW-4	10/8/2024	Water
GCR82670	MW-5	10/8/2024	Water
GCR82671	MW-6	10/8/2024	Water
GCR82672	MW-14	10/8/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under EPA Region 2 Standard Operating Procedure for Validation of Pesticides Data, QA-HWSS-A_007.

- Within Continues Calibrations, %D of Endosulfan Sulfate and beta-BHC were above laboratory limits of several of the CCVs associated with the SDG GCR8266 in which all the samples were analyzed. All sample will have this analytes qualified as a non-detect estimate "UJ" values if applicable.
 - Within sample MW-3, Chlordane was not confirmed and was denoted by lab with appropriate qualification. No further qualification is needed.
- All data is with in category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR8266



Method 8081B Pesticides

Criteria	Y	N	NA	Comment
A. Sample Receipt				
With in technical hold time and extraction period?	x			
Cooling Temp = >6°C	x			
B. GC/ECD Instrument Performance Check				
Were Resolution Check Mixture (RESC) run and resolution criteria?	x			
Was PEM analysis performed within criteria for compound?	x			
Were Mid-point individual standard mixture performed and %resolution with in criteria?	x			
C. Initial Calibration				
Was the 5 point calibration with all mixtures and concentration run under criteria?	x			
Was a single point of Toxaphene at low standard in ICAL or five point Toxaphene independent runs?	x			
Were %RSD lower than criteria?	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?			x	%D of Endosulfan Sulfate and beta-BHC were above laboratory limits of several of the CCVs associated with the SDG GCR8266 in which all the samples were analyzed. All sample will have this analyte qualified as a non-detect estimate "UJ" values if applicable. See attachment.
Were (%D), relative respond factors (RRF) and RT within criteria?		x		
Time elapse between CCV, Instrumental Blank, CCV PEM, CS3 did not exceed 14 hrs.?	x			
PEM % breakdown did not exceed criteria?	x			

Criteria	Y	N	NA	Comment
E. Blanks				
Was a lab blank associated with each sample of SDG?	x			
Were sulfur blanks run if needed?		x		
Were TCLP/ SPL Leachate Extractions Blanks (LEB) prepared and extracted at specific frequency?		x		
Were contaminants found, if so qualification may be necessary?		x		
F. Surrogate spikes				
Did Spike contain two surrogates (TCX and DCM) ran in all sample including blanks and standards	x			
Were Surrogate percent recovery (%R) with in QC limits? (30-150%)	x			
Were RT of Surrogates calculated for each sample?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SDG or matrix?		x		
Was MS/MSD done at specific frequency required by criteria?			x	
Were MS/MSD (%R) and RPD within QC?			x	
H. Laboratory control sample				
Was LCS analysis for this SDG and at specific frequency as required criteria?	x			
Was LCS (%R) within QC Limits?	x			
I. Florisil Cartridge Performance Check				
Were Florisil Cartridges used in Florisil clean up process?		x		
If so, %R of each performance target analyte and surrogates within criteria?			x	

Criteria	Y	N	NA	Comment
J. Gel Permeation Chromatography Performance Check				
Were GPC system used and did the two UV trace meet criteria requirements?		x		
K. Target Analyte Identification				
RTs of surrogates and reported targets analytes are with in calculated window?	x			
%D of target analytes and Toxaphene are calculated to less then 25%?	x			
All cosmographical observation are within QC criteria?	x			
L. GC/MS Confirmation				
GC/MS confirmation is done to specific criteria of both column for single compound concentration ≥ 5 ng/ μ and for Toxaphene concentration of ≥ 125 ng/ μ L?	x			Within sample MW-3, Chlordane was not confirmed and was denoted by lab with appropriate qualification. No further qualification is needed.
K. Target Analyte Quantitation and Reported CRQL				
Were target analyte and sample specific CRQL and CF are calculated correctly?	x			
M. EPA Reginal QA/QC				
Were QA/QC performed under regional criterion	x			
Were field duplicates collected?		x		
N. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Due to action above criteria limits of continuous calibration qualification is needed. All results are with in Cat. B criterion and usable.

Calculation Spot Check

Instrument: ECD4

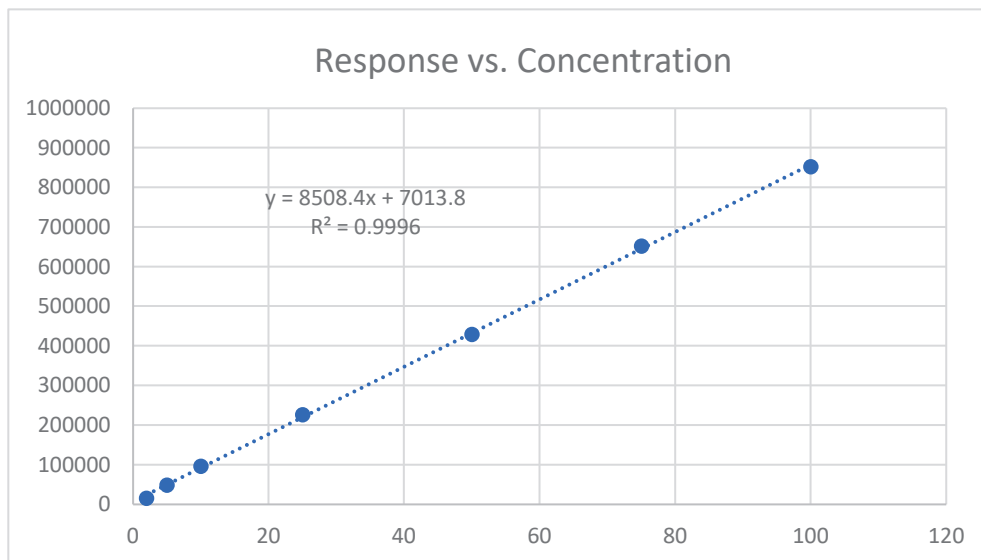
ICV Date and Time: 9/13/2024

Compound: alpha-BHC



Calibration Factor Response Concentration

L1	2.509	15391	2
L2	2.428	48659	5
L3	2.321	96714	10
L4	2.286	226512	25
L5	2.247	429149	50
L6	2.087	652013	75
L7	2.988	852409	100
average	2.409		
RSD	11.96		



Reviewer Comment: Qualification of a non-detect estimate “UJ” value within all associated samples is due to %D results above laboratory limit for analyte Endosulfan Sulfate within CCV.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666

GC Col A: CLPesticide ID: 0.53 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/09/24

LAB Sample ID (PEM): mix 4;34k - O09A014 Time Analyzed: 15:48

Instrument: ECD4 File: O09A014

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.60	4.01	4.11	49	50	2		2.966
beta-BHC	3.96	4.40	4.50	48	50	4		1.255
delta-BHC	4.13	4.58	4.68	47	50	6		2.897
gamma-BHC (Lindane)	3.89	4.32	4.42	49	50	2		2.668
Heptachlor	4.34	4.78	4.88	49	50	2		2.758
Aldrin	4.61	5.07	5.17	48	50	4		2.620
Heptachlor Epoxide	5.13	5.65	5.79	51	50	2		2.367
Endosulfan I	5.49	6.06	6.20	57	50	14		2.215
Dieldrin	5.73	6.33	6.47	48	50	4		2.484
4,4' -DDE	5.46	5.99	6.13	41	50	18		2.250
Endrin	5.96	6.59	6.73	52	50	4		2.047
Endosulfan II	6.19	6.86	7.00	47	50	6		2.078
4,4' -DDD	6.03	6.65	6.79	42	50	16		1.807
Endosulfan Sulfate	7.12	7.84	7.98	32	50	36	*	1.986
4,4' -DDT	6.34	6.99	7.13	49	50	2		1.853
Methoxychlor	6.92	7.57	7.71	50	50	0		1.015
Endrin ketone	7.47	8.16	8.30	54	50	8		2.192
Endrin Aldehyde	6.63	7.35	7.49	48	50	4		1.736
alpha-Chlordane	5.38	5.92	6.06	46	50	8		2.543
gamma-Chlordane	5.26	5.78	5.92	50	50	0		2.367
Decachlorobiphenyl	8.62	9.19	9.39	89	80	11		1.817
Tetrachloro-m-xylene	3.12	3.47	3.57	83	80	4		1.499

QC LIMITS:
%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR82666

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;34I Date Analyzed: 10/10/24

LAB Sample ID (PEM): mix 4;34I - O10B018 Time Analyzed: 16:07

Instrument: ECD4 File: O10B018

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.29	4.44	4.54	41	50	18		2.409
beta-BHC	4.85	4.98	5.08	39	50	22	*	1.123
delta-BHC	5.09	5.24	5.34	41	50	18		2.374
gamma-BHC (Lindane)	4.63	4.78	4.88	41	50	18		2.383
Heptachlor	5.22	5.41	5.51	44	50	12		2.209
Aldrin	5.58	5.79	5.89	45	50	10		2.021
Heptachlor Epoxide	6.08	6.28	6.42	44	50	12		2.014
Endosulfan I	6.53	6.76	6.90	43	50	14		1.700
Dieldrin	6.89	7.14	7.28	45	50	10		1.780
4,4' -DDE	6.74	6.97	7.11	43	50	14		1.684
Endrin	7.19	7.43	7.57	57	50	14		1.329
Endosulfan II	7.49	7.72	7.86	46	50	8		1.461
4,4' -DDD	7.43	7.65	7.79	47	50	6		1.226
Endosulfan Sulfate	7.97	8.19	8.33	49	50	2		1.219
4,4' -DDT	7.83	8.05	8.19	52	50	4		1.229
Methoxychlor	8.45	8.67	8.81	53	50	6		0.631
Endrin ketone	8.54	8.75	8.89	51	50	2		1.243
Endrin Aldehyde	7.67	7.89	8.03	45	50	10		1.182
alpha-Chlordane	6.49	6.71	6.85	46	50	8		1.746
gamma-Chlordane	6.39	6.61	6.75	42	50	16		1.953
Decachlorobiphenyl	10.04	10.26	10.46	81	80	1		1.024
Tetrachloro-m-xylene	3.82	3.97	4.07	67	80	16		1.749

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666

GC Col A: CLPesticide: ID: 0.53 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/10/24

LAB Sample ID (PEM): mix 4;34k - O10A032 Time Analyzed: 20:13

Instrument: ECD4 File: O10A032

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.66	4.01	4.11	43	50	14		2.966
beta-BHC	4.03	4.40	4.50	44	50	12		1.255
delta-BHC	4.19	4.58	4.68	41	50	18		2.897
gamma-BHC (Lindane)	3.95	4.32	4.42	43	50	14		2.668
Heptachlor	4.40	4.78	4.88	44	50	12		2.758
Aldrin	4.67	5.07	5.17	42	50	16		2.620
Heptachlor Epoxide	5.20	5.65	5.79	45	50	10		2.367
Endosulfan I	5.56	6.06	6.20	40	50	20		2.215
Dieldrin	5.80	6.33	6.47	42	50	16		2.484
4,4' -DDE	5.52	5.99	6.13	47	50	6		2.250
Endrin	6.02	6.59	6.73	49	50	2		2.047
Endosulfan II	6.26	6.86	7.00	42	50	16		2.078
4,4' -DDD	6.10	6.65	6.79	42	50	16		1.807
Endosulfan Sulfate	7.18	7.84	7.98	35	50	30	*	1.986
4,4' -DDT	6.40	6.99	7.13	45	50	10		1.853
Methoxychlor	6.98	7.57	7.71	47	50	6		1.015
Endrin ketone	7.52	8.16	8.30	44	50	12		2.192
Endrin Aldehyde	6.69	7.35	7.49	43	50	14		1.736
alpha-Chlordane	5.44	5.92	6.06	41	50	18		2.543
gamma-Chlordane	5.32	5.78	5.92	45	50	10		2.367
Decachlorobiphenyl	8.67	9.19	9.39	76	80	5		1.817
Tetrachloro-m-xylene	3.16	3.47	3.57	75	80	6		1.499

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/10/24

LAB Sample ID (PEM): mix 4;34k - O10B032 Time Analyzed: 20:13

Instrument: ECD4 File: O10B032

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.29	4.44	4.54	41	50	18		2.409
beta-BHC	4.85	4.98	5.08	39	50	22	*	1.123
delta-BHC	5.09	5.24	5.34	40	50	20		2.374
gamma-BHC (Lindane)	4.62	4.78	4.88	41	50	18		2.383
Heptachlor	5.22	5.41	5.51	43	50	14		2.209
Aldrin	5.58	5.79	5.89	44	50	12		2.021
Heptachlor Epoxide	6.07	6.28	6.42	43	50	14		2.014
Endosulfan I	6.53	6.76	6.90	44	50	12		1.700
Dieldrin	6.89	7.14	7.28	44	50	12		1.780
4,4' -DDE	6.73	6.97	7.11	42	50	16		1.684
Endrin	7.19	7.43	7.57	58	50	16		1.329
Endosulfan II	7.49	7.72	7.86	45	50	10		1.461
4,4' -DDD	7.42	7.65	7.79	46	50	8		1.226
Endosulfan Sulfate	7.97	8.19	8.33	50	50	0		1.219
4,4' -DDT	7.83	8.05	8.19	51	50	2		1.229
Methoxychlor	8.45	8.67	8.81	53	50	6		0.631
Endrin ketone	8.53	8.75	8.89	51	50	2		1.243
Endrin Aldehyde	7.66	7.89	8.03	46	50	8		1.182
alpha-Chlordane	6.48	6.71	6.85	44	50	12		1.746
gamma-Chlordane	6.39	6.61	6.75	40	50	20		1.953
Decachlorobiphenyl	10.04	10.26	10.46	79	80	1		1.024
Tetrachloro-m-xylene	3.82	3.97	4.07	64	80	20		1.749

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Primary

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCR82666

GC Col A: CLPesticide: ID: 0.53 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): Date Analyzed:

LAB Sample ID (PIBLK): Time Analyzed:

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/11/24

LAB Sample ID (PEM): mix 4;34k - O10A045 Time Analyzed: 0:00

Instrument: ECD4 File: O10A045

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	3.65	4.01	4.11	44	50	12		2.966
beta-BHC	4.02	4.40	4.50	42	50	16		1.255
delta-BHC	4.18	4.58	4.68	42	50	16		2.897
gamma-BHC (Lindane)	3.93	4.32	4.42	43	50	14		2.668
Heptachlor	4.38	4.78	4.88	43	50	14		2.758
Aldrin	4.65	5.07	5.17	43	50	14		2.620
Heptachlor Epoxide	5.18	5.65	5.79	45	50	10		2.367
Endosulfan I	5.54	6.06	6.20	45	50	10		2.215
Dieldrin	5.78	6.33	6.47	42	50	16		2.484
4,4' -DDE	5.51	5.99	6.13	41	50	18		2.250
Endrin	6.01	6.59	6.73	49	50	2		2.047
Endosulfan II	6.24	6.86	7.00	42	50	16		2.078
4,4' -DDD	6.08	6.65	6.79	42	50	16		1.807
Endosulfan Sulfate	7.17	7.84	7.98	10	50	80	*	1.986
4,4' -DDT	6.38	6.99	7.13	45	50	10		1.853
Methoxychlor	6.96	7.57	7.71	46	50	8		1.015
Endrin ketone	7.50	8.16	8.30	44	50	12		2.192
Endrin Aldehyde	6.67	7.35	7.49	43	50	14		1.736
alpha-Chlordane	5.43	5.92	6.06	41	50	18		2.543
gamma-Chlordane	5.30	5.78	5.92	45	50	10		2.367
Decachlorobiphenyl	8.65	9.19	9.39	75	80	6		1.817
Tetrachloro-m-xylene	3.15	3.47	3.57	75	80	6		1.499

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY
Confirmation

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCR82666

GC Col B: Rtx-440 ID: 0.32 (mm) Init. Calib. Date(s): 09/13/24 09/13/24

EPA Sample No.(PIBLK): _____ Date Analyzed: _____

LAB Sample ID (PIBLK): _____ Time Analyzed: _____

EPA Sample No.(PEM): mix 4;34k Date Analyzed: 10/11/24

LAB Sample ID (PEM): mix 4;34k - O10B045 Time Analyzed: 0:00

Instrument: ECD4 File: O10B045

COMPOUND	RT	RT WINDOW FROM	TO	RAW AMOUNT ppb	NOM AMOUNT ppb	% D		CF
alpha-BHC	4.27	4.44	4.54	43	50	14		2.409
beta-BHC	4.84	4.98	5.08	39	50	22	*	1.123
delta-BHC	5.07	5.24	5.34	40	50	20		2.374
gamma-BHC (Lindane)	4.61	4.78	4.88	41	50	18		2.383
Heptachlor	5.21	5.41	5.51	43	50	14		2.209
Aldrin	5.56	5.79	5.89	44	50	12		2.021
Heptachlor Epoxide	6.06	6.28	6.42	43	50	14		2.014
Endosulfan I	6.52	6.76	6.90	44	50	12		1.700
Dieldrin	6.87	7.14	7.28	44	50	12		1.780
4,4' -DDE	6.72	6.97	7.11	42	50	16		1.684
Endrin	7.17	7.43	7.57	57	50	14		1.329
Endosulfan II	7.48	7.72	7.86	44	50	12		1.461
4,4' -DDD	7.41	7.65	7.79	46	50	8		1.226
Endosulfan Sulfate	7.95	8.19	8.33	49	50	2		1.219
4,4' -DDT	7.81	8.05	8.19	50	50	0		1.229
Methoxychlor	8.44	8.67	8.81	51	50	2		0.631
Endrin ketone	8.52	8.75	8.89	50	50	0		1.243
Endrin Aldehyde	7.65	7.89	8.03	45	50	10		1.182
alpha-Chlordane	6.47	6.71	6.85	44	50	12		1.746
gamma-Chlordane	6.37	6.61	6.75	40	50	20		1.953
Decachlorobiphenyl	10.02	10.26	10.46	77	80	4		1.024
Tetrachloro-m-xylene	3.81	3.97	4.07	65	80	19		1.749

QC LIMITS:

%D must be less than or equal to 20% (*) Criteria exceeded. CF=Calibration/Response Factor

FORM VII PEST

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, analytes beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" value within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-1

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR82666

Matrix: (soil/water) Water

Lab Sample ID: CR82666

Sample wt/vol: 1060 (g/mL)

mL Lab File ID: O10A029

% Moisture: n.a. decanted: (Y/N) N

Date Received: 10/09/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.010	C	U1J	0.010	0.010
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	NA	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.758	0.009	C	U	0.009	0.009
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	NA	0.009	C	U	0.009	0.009
959-98-8	Endosulfan I	NA	0.009	C	U	0.009	0.009
60-57-1	Dieldrin	2.484	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	2.250	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.009	C	U	0.009	0.009
33213-65-9	Endosulfan II	NA	0.009	C	U	0.009	0.009
72-54-8	4,4' -DDD	1.807	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	NA	0.009	C	UJ	0.009	0.009
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	1.015	0.094	C	U	0.094	0.094
53494-70-5	Endrin ketone	NA	0.009	C	U	0.009	0.009
7421-93-4	Endrin Aldehyde	1.736	0.009	C	U	0.009	0.009
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.009	C	U	0.009	0.009
5103-74-2	gamma-Chlordane	2.367	0.009	C	U	0.009	0.009
57-74-9	Chlordane	NA	0.047	C	U	0.047	0.047
2051-24-3	Decachlorobiphenyl	1.817	60	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	69	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1060.00wt-vol) = 0.047

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, analytes beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" value within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-2

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR82666

Matrix: (soil/water) Water

Lab Sample ID: CR82667

Sample wt/vol: 1065 (g/mL) mL

Lab File ID: O10A026

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/09/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS:

ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.966	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.005	C	UJ	0.005	0.005
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	2.668	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.758	0.009	C	U	0.009	0.009
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	2.367	0.009	C	U	0.009	0.009
959-98-8	Endosulfan I	2.215	0.009	C	U	0.009	0.009
60-57-1	Dieldrin	2.484	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	2.250	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.009	C	U	0.009	0.009
33213-65-9	Endosulfan II	NA	0.009	C	U	0.009	0.009
72-54-8	4,4' -DDD	1.807	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	1.986	0.009	C	UJ	0.009	0.009
50-29-3	4,4' -DDT	1.853	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.094	C	U	0.094	0.094
53494-70-5	Endrin ketone	2.192	0.009	C	U	0.009	0.009
7421-93-4	Endrin Aldehyde	1.736	0.009	C	U	0.009	0.009
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.009	C	U	0.009	0.009
5103-74-2	gamma-Chlordane	2.367	0.009	C	U	0.009	0.009
57-74-9	Chlordane	NA	0.047	C	U	0.047	0.047
2051-24-3	Decachlorobiphenyl	1.817	66	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	108	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1065.00wt-vol) = 0.047

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, analytes beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" value within sample. It should be noted that Chlordane was not confirmed and is note with an X by lab, no additional qualification is needed. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3

Lab Name: Phoenix Environmental Client: LABELLA

Lab Code: Phoenix Instr: ECD4 Column.: CLPesticides 0.32 SDG No.: GCR82666

Matrix: (soil/water) Water Lab Sample ID: CR82668

Sample wt/vol: 1065 (g/mL) mL Lab File ID: O10A023

% Moisture: n.a. decanted: (Y/N) N Date Received: 10/09/24

Extraction: (SepF/Cont/ASE) Cont Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/10/24

Injection Volume: 1 (ul) Dilution Factor: 1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	NA	0.005	C	U, J	0.005	0.005
319-86-8	delta-BHC	2.897	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	2.668	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.758	0.009	C	U	0.009	0.009
309-00-2	Aldrin	2.620	0.010	C	U1	0.010	0.010
1024-57-3	Heptachlor Epoxide	2.367	0.016	C		0.009	0.009
959-98-8	Endosulfan I	2.215	0.009	C	U	0.009	0.009
60-57-1	Dieldrin	2.484	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	2.250	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.009	C	U	0.009	0.009
33213-65-9	Endosulfan II	2.078	0.009	C	U	0.009	0.009
72-54-8	4,4' -DDD	1.807	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	1.986	0.009	C	U, J	0.009	0.009
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.094	C	U	0.094	0.094
53494-70-5	Endrin ketone	NA	0.009	C	U	0.009	0.009
7421-93-4	Endrin Aldehyde	NA	0.009	C	U	0.009	0.009
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.11	P	E	0.009	0.009
5103-74-2	gamma-Chlordane	2.367	0.057	P		0.009	0.009
57-74-9	Chlordane	NA	* Present in Sample	X		0.047	0.047
2051-24-3	Decachlorobiphenyl	1.817	63	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	59	C		%	%

1024-57-3 Sample PQL Calc: $(10\text{raw} * 1\text{df} * 1\text{fv}) / (1065.00\text{wt-vol}) = 0.009$

1024-57-3 Sample Result Calc: $((17.1811\text{raw} * 1\text{df} * 1\text{fv}) / (1065.00\text{wt-vol}) = 0.016$

Both channels need to have the compound detected for a concentration to be reported on either channel.

U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.

U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.

P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, analytes beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" value within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR82666

Matrix: (soil/water) Water

Lab Sample ID: CR82669

Sample wt/vol: 1055 (g/mL) mL

Lab File ID: O10A024

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/09/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS:

ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.966	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.005	C	UJ	0.005	0.005
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	2.668	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.758	0.010	C	U	0.010	0.010
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	NA	0.010	C	U	0.010	0.010
959-98-8	Endosulfan I	NA	0.010	C	U	0.010	0.010
60-57-1	Dieldrin	2.484	0.005	C	U1	0.005	0.005
72-55-9	4,4' -DDE	NA	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.010	C	U	0.010	0.010
33213-65-9	Endosulfan II	NA	0.010	C	U	0.010	0.010
72-54-8	4,4' -DDD	1.807	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	1.987	0.010	C	UJ	0.010	0.010
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.095	C	U	0.095	0.095
53494-70-5	Endrin ketone	2.192	0.010	C	U	0.010	0.010
7421-93-4	Endrin Aldehyde	1.736	0.010	C	U	0.010	0.010
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.010	C	U	0.010	0.010
5103-74-2	gamma-Chlordane	2.367	0.010	C	U	0.010	0.010
57-74-9	Chlordane	NA	0.048	C	U	0.048	0.048
2051-24-3	Decachlorobiphenyl	1.817	67	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	74	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1055.00wt-vol) = 0.048

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, analytes beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" value within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-5

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR82666

Matrix: (soil/water) Water

Lab Sample ID: CR82670

Sample wt/vol: 1060 (g/mL) mL

Lab File ID: O10A034

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/09/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS:

ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.966	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.005	C	UJ	0.005	0.005
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	NA	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	NA	0.009	C	U	0.009	0.009
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	NA	0.009	C	U	0.009	0.009
959-98-8	Endosulfan I	NA	0.009	C	U	0.009	0.009
60-57-1	Dieldrin	2.484	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	2.250	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.009	C	U	0.009	0.009
33213-65-9	Endosulfan II	NA	0.009	C	U	0.009	0.009
72-54-8	4,4' -DDD	1.807	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	1.986	0.009	C	UJ	0.009	0.009
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.094	C	U	0.094	0.094
53494-70-5	Endrin ketone	2.192	0.009	C	U	0.009	0.009
7421-93-4	Endrin Aldehyde	NA	0.009	C	U	0.009	0.009
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.009	C	U	0.009	0.009
5103-74-2	gamma-Chlordane	2.367	0.009	C	U	0.009	0.009
57-74-9	Chlordane	NA	0.047	C	U	0.047	0.047
2051-24-3	Decachlorobiphenyl	1.817	41	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	61	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1060.00wt-vol) = 0.047

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, analytes beta-BHC and Endosulfan Sulfate are qualified as a non-detect estimate "UJ" value within sample. Treated as Primary and Confirmation data.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR82666

Matrix: (soil/water) Water

Lab Sample ID: CR82671

Sample wt/vol: 1058 (g/mL) mL

Lab File ID: O10A021

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/09/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS:

ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	2.966	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.005	C	U,J	0.005	0.005
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	NA	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.758	0.010	C	U	0.010	0.010
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	NA	0.010	C	U	0.010	0.010
959-98-8	Endosulfan I	2.215	0.010	C	U	0.010	0.010
60-57-1	Dieldrin	2.484	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	NA	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.010	C	U	0.010	0.010
33213-65-9	Endosulfan II	NA	0.010	C	U	0.010	0.010
72-54-8	4,4' -DDD	NA	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	NA	0.010	C	U,J	0.010	0.010
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.095	C	U	0.095	0.095
53494-70-5	Endrin ketone	2.192	0.010	C	U	0.010	0.010
7421-93-4	Endrin Aldehyde	1.736	0.010	C	U	0.010	0.010
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.010	C	U	0.010	0.010
5103-74-2	gamma-Chlordane	2.367	0.010	C	U	0.010	0.010
57-74-9	Chlordane	NA	0.048	C	U	0.048	0.048
2051-24-3	Decachlorobiphenyl	1.817	50	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	62	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1058.00wt-vol) = 0.048

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Reviewer Comment: Due to %D results above laboratory limit within associated CCVs, analyte Endosulfan Sulfate is qualified as a non-detect estimate "UJ" value within sample. Treated as Primary and Confirmation data.

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14

Lab Name: Phoenix Environmental

Client: LABELLA

Lab Code: Phoenix

Instr: ECD4

Column.: CLPesticides 0.32

SDG No.: GCR82666

Matrix: (soil/water) Water

Lab Sample ID: CR82672

Sample wt/vol: 1060 (g/mL) mL

Lab File ID: O10A028

% Moisture: n.a.

decanted: (Y/N) N

Date Received: 10/09/24

Extraction: (SepF/Cont/ASE) Cont

Date Extracted: 10/09/24

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/10/24

Injection Volume: 1 (ul)

Dilution Factor: 1

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	CF	CONC	P/C	Q	MDL	PQL
319-84-6	alpha-BHC	NA	0.005	C	U	0.005	0.005
319-85-7	beta-BHC	1.255	0.005	C	U J	0.005	0.005
319-86-8	delta-BHC	NA	0.005	C	U	0.005	0.005
58-89-9	gamma-BHC (Lindane)	NA	0.005	C	U	0.005	0.005
76-44-8	Heptachlor	2.758	0.009	C	U	0.009	0.009
309-00-2	Aldrin	2.620	0.001	C	U	0.001	0.001
1024-57-3	Heptachlor Epoxide	NA	0.009	C	U	0.009	0.009
959-98-8	Endosulfan I	NA	0.009	C	U	0.009	0.009
60-57-1	Dieldrin	NA	0.001	C	U	0.001	0.001
72-55-9	4,4' -DDE	NA	0.005	C	U	0.005	0.005
72-20-8	Endrin	NA	0.009	C	U	0.009	0.009
33213-65-9	Endosulfan II	NA	0.009	C	U	0.009	0.009
72-54-8	4,4' -DDD	NA	0.005	C	U	0.005	0.005
1031-07-8	Endosulfan Sulfate	1.986	0.009	C	U J	0.009	0.009
50-29-3	4,4' -DDT	NA	0.005	C	U	0.005	0.005
72-43-5	Methoxychlor	NA	0.094	C	U	0.094	0.094
53494-70-5	Endrin ketone	NA	0.009	C	U	0.009	0.009
7421-93-4	Endrin Aldehyde	NA	0.009	C	U	0.009	0.009
8001-35-2	Toxaphene	NA	0.19	C	U	0.19	0.19
5103-71-9	alpha-Chlordane	2.543	0.009	C	U	0.009	0.009
5103-74-2	gamma-Chlordane	2.367	0.009	C	U	0.009	0.009
57-74-9	Chlordane	NA	0.047	C	U	0.047	0.047
2051-24-3	Decachlorobiphenyl	1.817	42	C		%	%
877-09-8	Tetrachloro-m-xylene	1.499	54	C		%	%

57-74-9 Sample PQL Calc: (50raw * 1df * 1fv) / (1060.00wt-vol) = 0.047

Both channels need to have the compound detected for a concentration to be reported on either channel.
U1=Due to matrix interference and/or the presence of a large amount of non-target material, the reporting level for this compound has been elevated.
U2=The presence of this compound was not confirmed by the analyst based on the characteristic pattern matching of multi-component parameters, retention time, and/or peak shape.
P/C: P=Primary Result C=Confirmation Result X=Not Used CF=Calculated Calibration/Response Factor MC=Multi-Component

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: Method 6010D Metals

Lab Job ID: GCR82666

Lab ID	Field ID	Collection Date	Matrix
CR82666	MW-1	10/8/2024	Water
CR82667	MW-2	10/8/2024	Water
CR82668	MW-3	10/8/2024	Water
CR82669	MW-4	10/8/2024	Water
CR82670	MW-5	10/8/2024	Water
CR82671	MW-6	10/8/2024	Water
CR82672	MW-14	10/8/2024	Water

Reviewer Summary :

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

- It is noted the CRDL was not within recover limits of Mercury but was not detected within samples, no further qualification is needed.

Data is within category B criterion and is usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR82666



Method 6010D Metals

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of aqueous/TCLP/SPLP samples of 180 days preserved with nitric acid (pH>2)?	x			
Technical Hold Time of soil/sediment/wipe samples of 180 days ?	x			
B. Calibration				
Was an initial calibration done when system was set up or after CCV failure?	x			
Were 5 calibration standards and blank run at or below CRQL but above MDL?	x			
Were initial and continuous calibration verification (ICV and CCV) within NFG guidelines of %R (table 3)?	x			
C. Blanks				
Were contaminants found?		x		
Initial Calibration Blank (ICB) was analyzed after standards and run after ICV?	x			
Continuing Calibration Blank (CCB) was ran after every CCV every 2 hrs.	x			

Criteria	Y	N	NA	Comment
D. Laboratory Control Samples				CR82352 Mercury, CR82684
Was LCS analyzed for every group of aqueous/soil/ sediment /wipes samples in each SDG?(LCS is spiked 2X the CRQL for the associated matrix.)?	x			
Were %Rs within control limit of 70-130%? (Except for Sb and Ag , 50-150%)	x			
E. Matrix Spike/Matrix duplicate				CR82352 Mercury, CR82684
Were MS and MSD analyzed for SGD?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD within QC?	x			
F. Duplicate Samples				CR82352 Mercury, CR82684
Was at least one duplicate sample is run per matrix or SDG?	x			
Were control limit of 50% Relative Percent Difference between 'original' and duplicate?	x			
Were control limit CRQL of <5X found?	x			
G. Serial Dilution				CR82684
Was ICP serial dilution performed on each sample for each group of the same (aqueous/soil/sediment similar matrix or SDG?	x			
Was %D of original compared to dilution $\leq 10\%$?(%D > 15% may be used for soil)	x			
H. Performance Evaluation Sample				
Were PE samples analyzed with the field samples and field blanks in SDG?	x			
Were results within warning limits (95% confidence interval) and action limit (99% confidence interval)	x			

Criteria	Y	N	NA	Comment
I. Regional EPA QA/QC				
Were regional protocols of QA/QC protocols used in evaluating data?	x			
Did RPD fall within specific limits in EPA region's SOP or project QAPP?	x			
J. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.



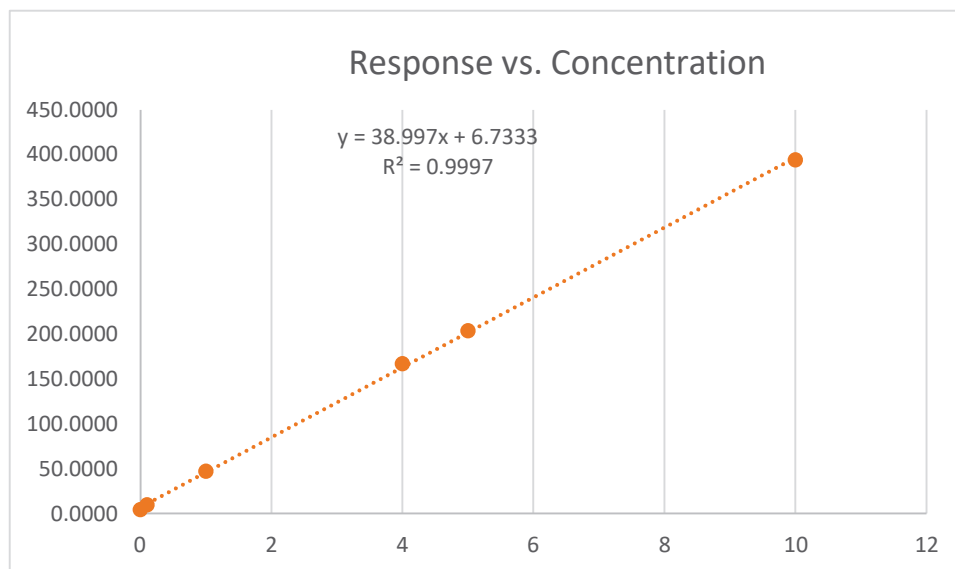
Calculation Spot Check

Instrument: MERLIN

ICV Date and Time: 10/10/24 8:34

Compound: Mercury

	Response	Concentration	Calculate Concentration
STD84	3.8642	0	-0.0736
STD85	9.3161	0.1000	0.0662
STD86	46.8025	1.0000	1.0275
STD87	166.6272	4.0000	4.1002
STD88	203.4457	5.0000	5.0443
STD89	394.1817	10.0000	9.9354



Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review: 8270E SIM, 1,4-Dioxane

Lab Job ID: GCR82666

Lab ID	Field ID	Collection Date	Matrix
GCR82666	MW-1	10/8/2024	Water
GCR82672	MW-14	10/8/2024	Water

Reviewer Summary:

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005 along with the EPA's National Functional Guideline for Organic Compounds.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCR82666



8270E SIM/Isotope Dilutions

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?		x		
Cooling Temp $\leq 6^{\circ}\text{C}$?	x			
B. GC/MS Instrument Performance Check				
Were DFTPP performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period?	x			
Ion abundance criteria met?	x			
C. Initial Calibration				
Was a 5-point calibration conducted?	x			
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was %D for target analytes within acceptable limit.	x			
Was RRF values meet for target analyte?	x			
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			
Were (%D) and relative response factors (RRF) within acceptable criteria?	x			

Criteria	Y	N	NA	Comment
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
F. Field Blanks/Trip Blank				
Was a field blanks associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
G. Surrogate Spikes (Isotope Dilution Recovery)				
Were surrogate percent recovery (%R) within QC limits?(1,4-Dioxane-d8)	x			
If the (%R) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
H. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples ?			x	
Were MS/MSD (%R) and RPD within QC?			x	
I. Laboratory Control Sample				
Was LCS analysis for this SDG?	x			
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?	x			
J. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	

Criteria	Y	N	NA	Comment
K. Internal Standard				
Was area response within acceptance limits?	x			
Were retention times within ± 30 sec of cal. standard?	x			
L. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
M. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
N. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: All data were within Cat. B criterion and usable.

Calculation Spot Check

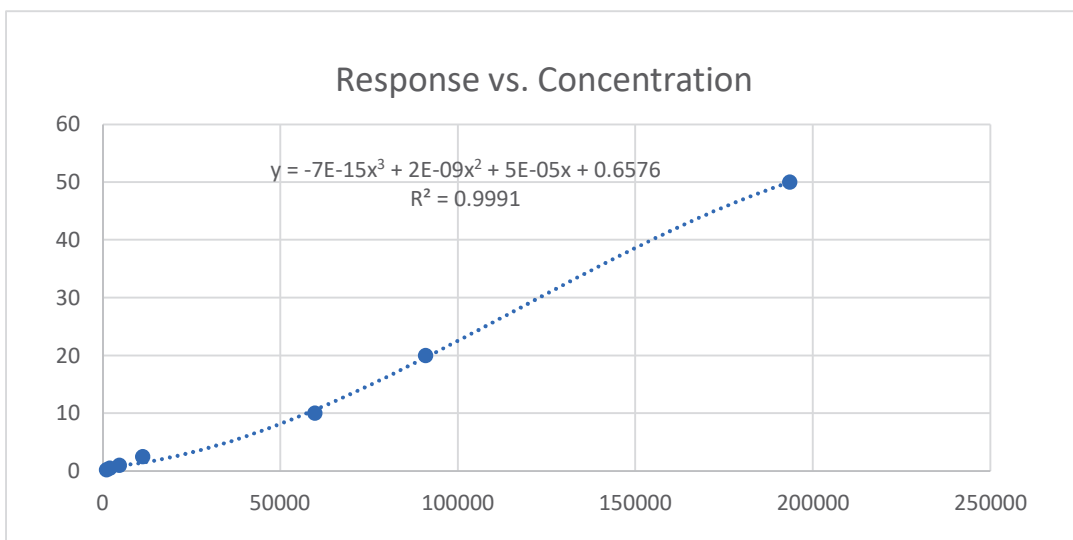
Instrument CHEM34

ICV Date and Time: 09/06/2024 13:52

Compound: 1,4-Dioxane



	Curve Evaluation	Response	Concentration
L1	1.532	1059	0.2
L2	1.471	1933	0.5
L3	1.480	4605	1
L4	1.512	11195	2.5
L5	1.262	59704	10
L6	1.338	90969	20
L7	1.349	193576	50
average	1.421		
RSD	7.3		



Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab York NYLAP ID 12058)

Location: Newton Plaza Associates, LLC



Method Review : 1633

Lab Job ID: GCR82666

Lab ID	Field ID	Collection Date	Matrix
CR82666-24J0825-01	MW-1	10/8/2024	Water
CR82667-24J0825-02	MW-14	10/8/2024	Water

Reviewer Summary:

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds, DEC's Sampling, Analysis, And Assessment of Per- and Polyfluoroalkyl Substances and method 1633.

- It is noted that there were several analytes which correlation coefficients were outside of laboratory limits, but none were detected with in sample. No further qualification is needed.
- Within associated continuing calibrations, S4J2139-CCV3 and -CCV4 there were a few failures in recovery but only analyte PFHpA was detected which led to qualification of analyte as a estimate "J" values in sample MW-14.
- Recovery of system monitoring compounds d-N-MeFOSA and d-N-EtFOSA were recovered below laboratory limits within MW-14 as was d-N-EtFOSA for MW-1. This led to qualification of the target compounds within these samples non-detect estimate values.

All data is within category B criterion and usable.

Client: Labella Associates, PC

Laboratory: : Phoenix Environmental Laboratories, INC (NELAP #NY11301)(sub lab York NYLAP ID 12058)

Location: Newton Plaza Associates, LLC

Job ID: GCR82666



1633 Method

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Were samples within technical hold time and extraction period?	x			
Cooling Temp = 0°C - 6°C?	x			
B. Initial Calibration				
Was a 5-point calibration conducted?	x			It is noted that there were several analytes which correlation coefficients were outside of laboratory limits, but none were detected with in sample. No further qualification is needed.
%RSD within acceptable criterion?	x			
Was curve fit used for evaluation? If yes, did the I.C. meet the curve fit acceptability of ≥ 0.990 ?		x		
Was the Initial Calibration Verification (ICV) done after the I.C.?	x			
C. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			Within associated CCVs, S4J2139-CCV3 and -CCV4 there were a few failures in recovery but only analyte PFHpA was detected which led to qualification of analyte as a estimate "J" values in sample MW-14. See attachment.
Were recoveries within acceptable criteria?		x		
D. Laboratory Blanks				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		

Criteria	Y	N	NA	Comment
E. Field Blanks/Trip Blank				
Was a field blank associated with each sample of SDG?		x		
Were target compounds detected in it?			x	
F. Internal Standards (Isotope Dilution Recovery)				
Were internal standards percent recovery (%R) within QC limits?	x			
G. Matrix Spike/Matrix Duplicate				
Were MS and MSD analyzed for SDG?		x		
Was MS/MSD done every 20 samples?			x	
Were MS/MSD (%R) and RPD within QC?			x	
H. Laboratory Control Sample (LCS)				
Was LCS analysis performed for this SDG?	x			
Was LCS analysis per analysis performed per batch?	x			
Was LCS (%R) within QC Limits?	x			
I. Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	

Criteria	Y	N	NA	Comment
J. Compound Quantitation				
Were system monitoring compounds, correct internal standards, quantitation ions, and RRF used in quantitate compounds?		x		Recovery of system monitoring compounds d-N-MeFOSA and d-N-EtFOSA were recovered below laboratory limits within MW-14 as was d-N-EtFOSA for MW-1. This led to qualification of the target compounds within these samples non-detect estimate "UJ" values . See attachments.
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			
K. Target Compound Identification				
Were relative retention times (RRTs) within ± 0.06 units of standard?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
L. Overall Assessment of Data				
Was overall assessment of data found to be acceptable?	x			

Comments: All results were within Cat. B criterion and usable.



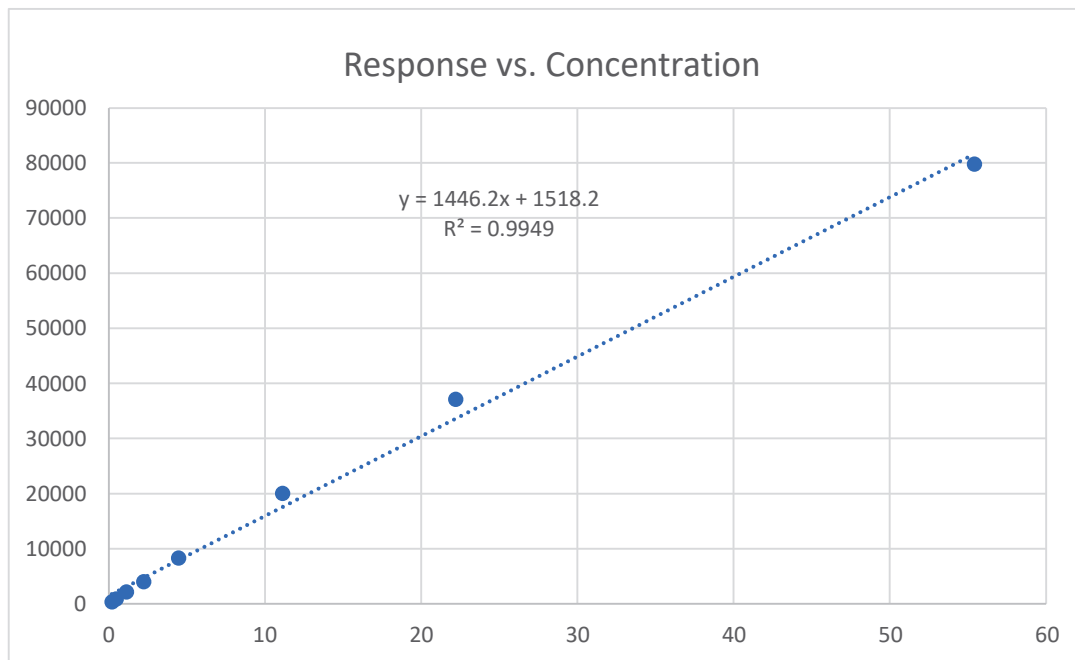
Calculation Spot Check

Instrument: LCQQQ

ICV Date and Time: 10/02/2024 8:00

Compound: PFBS

	Curve Evaluation	Response	Concentration
L1	1.090277	333	0.177
L2	1.171123	867	0.444
L3	1.058924	2118	1.11
L4	1.076338	4021	2.222
L5	1.099492	8311	4.44
L6	1.109229	20032	11.1
L7	1.085718	37090	22.2
L8	1.202794	79789	55.4
average	1.111736875		
RSD	4.5		



FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 24J0825

Client: Phoenix Environmental Laboratories, Inc.

Project: GCR82666

Instrument ID: LCQQQ

Calibration: SJ40012

Lab File ID: QQQ45250.d

Calibration Date: 10/02/24 08:00

Sequence: S4J2139

Injection Date: 10/21/24

Lab Sample ID: S4J2139-CCV3

Injection Time: 18:14

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.15	0.3143278	0.3221321		2.9	30
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	5.13	0.4383648	0.4464598		2.7	30
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.34	1.093902	1.169388		5.6	30
Perfluorodecanoic acid (PFDA)	A	2.50	2.21	1.259324	1.148073		-11.4	30
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.76	0.4923146	0.5495395		14.0	30
Perfluorododecanoic acid (PFDoA)	A	2.50	2.25	0.6888736	0.695409		-9.9	30
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.32	2.162377	2.677075		32.6	30 *
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.43	1.125156	1.108043		6.5	30
Perfluorohexanoic acid (PFHxA)	A	2.50	2.49	1.168659	1.156172		-0.3	30
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.4	0.9198964	0.9395572		4.2	30
Perfluorononanoic acid (PFNA)	A	2.50	2.64	3.22776	3.409354		5.6	30
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.35	2.393082	2.463231		1.2	30
Perfluorooctanoic acid (PFOA)	A	2.50	2.39	1.32833	1.256535		-4.6	30
Perfluoropentanoic acid (PFPeA)	A	5.00	5.16	0.9971918	1.015064		3.2	30
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.88	0.9924718	1.092574		15.3	30
Perfluorotridecanoic acid (PFTrDA)	A	2.50	3.01	1.123825	1.3829		20.5	30
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.48	0.7608425	0.6898236		-0.8	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24J0825
 Client: Phoenix Environmental Laboratories, Inc. Project: GCR82666
 Matrix: Ground Water Laboratory ID: 24J0825-01 File ID: QQQ45253.d
 Sampled: 10/08/24 10:45 Prepared: 10/18/24 14:24 Analyzed: 10/21/24 19:03
 Solids: Preparation: EPA 1633 Prep Initial/Final: 512 mL / 5 mL
 Batch: BJ41262 Sequence: S4J2139 Calibration: SJ40012 Instrument: LCOQQ

Reviewer comment: Due to recovery of system monitoring compound d-N-EtFOSA below laboratory criteria analyte N-EtFOSA is qualifies as a non-detect estimate "UJ" value within sample.

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	5.81	
307-24-4	Perfluorohexanoic acid (PFHxA)	1	1.94	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	1.25	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	2.97	
335-67-1	Perfluorooctanoic acid (PFOA)	1	2.90	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	3.07	
375-95-1	Perfluorononanoic acid (PFNA)	1	1.95	U
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.95	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.95	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.95	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.95	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.95	U
2355-31-9	N-MeFOSAA	1	1.95	U
2991-50-6	N-EtFOSAA	1	1.95	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	2.60	J
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.95	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.87	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.88	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.42	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.50	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	4.75	J
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	1	3.48	U
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	1	3.91	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.91	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.91	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.84	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.32	U
13252-13-6	HFPO-DA (Gen-X)	1	7.81	U
83329-89-9	11CL-PF3OUdS	1	7.38	U
756426-58-1	9CL-PF3ONS	1	7.30	U
919005-14-4	ADONA	1	7.38	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.89	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.88	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.88	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	24.4	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	24.4	U
24448-09-7	N-MeFOSE	1	19.5	U
31506-32-8	N-MeFOSA	1	1.95	U
1691-99-2	N-EtFOSE	1	19.5	U
4151-50-2	N-EtFOSA	1	1.95	U J

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-1

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24J0825
 Client: Phoenix Environmental Laboratories, Inc. Project: GCR82666
 Matrix: Ground Water Laboratory ID: 24J0825-01 File ID: QQQ45253.d
 Sampled: 10/08/24 10:45 Prepared: 10/18/24 14:24 Analyzed: 10/21/24 19:03
 Solids: Preparation: EPA 1633 Prep Initial/Final: 512 mL / 5 mL
 Batch: BJ41262 Sequence: S4J2139 Calibration: SJ40012 Instrument: LCOQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.8	26.0	114	25 - 150	
M5PFHxA	24.4	30.0	123	25 - 150	
M4PFHpA	24.4	28.3	116	25 - 150	
M3PFHxS	23.1	27.1	117	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.4	29.9	122	25 - 150	
M6PFDA	12.2	13.4	110	25 - 150	
M7PFUDa	12.2	11.0	90.1	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.2	9.11	74.6	25 - 150	
M2PFTeDA	12.2	7.41	60.7	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	97.7	45.7	46.8	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.4	27.3	117	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.8	58.1	119	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.4	20.4	83.5	10 - 150	
d3-N-MeFOSAA	48.8	40.6	83.2	25 - 150	
d5-N-EtFOSAA	48.8	44.1	90.4	25 - 150	
M2-6:2 FTS	46.4	22.4	48.2	25 - 200	
M2-8:2 FTS	46.9	23.4	49.8	25 - 200	
M9PFNA	12.2	13.4	110	25 - 150	
M2-4:2 FTS	45.8	56.5	123	25 - 150	
d-N-MeFOSA	24.4	6.83	28.0	25 - 150	
d-N-EtFOSA	24.4	5.44	22.3	25 - 150	*
M3HFPO-DA	97.7	40.3	41.2	25 - 150	
d9-N-EtFOSE	244	161	65.9	25 - 150	
d7-N-MeFOSE	244	200	81.7	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	12713.5	1.234633	14833.35	1.216283	
MPFDA	4224.804	8.7916	4502.085	8.7822	
MPFHxA	12102.43	6.205567	11978.35	6.205567	
MPFHxS	1075.579	7.1403	1053.3	7.13085	
MPFNA	5258.136	8.29365	5127.888	8.275117	
MPFOA	11809.8	7.708667	10829.02	7.690166	
MPFOS	3167.929	8.329033	3233.266	8.310516	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	1787.005	8.293233	1515.161	8.283967	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	11086.56	7.69895	8590.033	7.6897	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	44167.65	4.587833	37076.93	4.57865	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	25638.88	1.241533	61742.7	1.223167	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	7616.33	9.614683	9760.357	9.614683	

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24J0825
 Client: Phoenix Environmental Laboratories, Inc. Project: GCR82666
 Matrix: Ground Water Laboratory ID: 24J0825-02 File ID: QQQ45254.d
 Sampled: 10/08/24 14:55 Prepared: 10/18/24 14:24 Analyzed: 10/21/24 19:19
 Solids: Preparation: EPA 1633 Prep Initial/Final: 515 mL / 5 mL
 Batch: BJ41262 Sequence: S4J2139 Calibration: SJ40012 Instrument: LCQQQ

Reviewer comment: Due to recovery of system monitoring compounds d-N-EtFOSA and d-N-MeFOSA below laboratory criteria analytes N-EtFOSA and N-MeFOSA are qualified as a non-detect estimate "UJ" values within sample.

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1	1.51	J
307-24-4	Perfluorohexanoic acid (PFHxA)	1	24.5	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1	23.2	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1	1.39	J
335-67-1	Perfluorooctanoic acid (PFOA)	1	147	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1	0.870	J
375-95-1	Perfluorononanoic acid (PFNA)	1	5.98	
335-76-2	Perfluorodecanoic acid (PFDA)	1	1.94	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1	1.94	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1	1.94	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1	1.94	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1	1.94	U
2355-31-9	N-MeFOSAA	1	1.94	U
2991-50-6	N-EtFOSAA	1	1.94	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	1	15.5	
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1	1.94	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1	1.85	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1	1.87	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1	7.38	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1	7.46	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1	7.24	J
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1	3.46	U
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	1	3.88	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	1	3.88	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	1	3.88	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1	1.83	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1	7.28	U
13252-13-6	HFPO-DA (Gen-X)	1	7.77	U
83329-89-9	11CL-PF3OUdS	1	7.34	U
756426-58-1	9CL-PF3ONS	1	7.26	U
919005-14-4	ADONA	1	7.34	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	1	1.88	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	1	1.86	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	1	4.85	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	1	24.3	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	1	24.3	U
24448-09-7	N-MeFOSE	1	19.4	U
31506-32-8	N-MeFOSA	1	1.94	U J
1691-99-2	N-EtFOSE	1	19.4	U
4151-50-2	N-EtFOSA	1	1.94	U J

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 1633 Draft 3

MW-14

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 24J0825
 Client: Phoenix Environmental Laboratories, Inc. Project: GCR82666
 Matrix: Ground Water Laboratory ID: 24J0825-02 File ID: QQQ45254.d
 Sampled: 10/08/24 14:55 Prepared: 10/18/24 14:24 Analyzed: 10/21/24 19:19
 Solids: Preparation: EPA 1633 Prep Initial/Final: 515 mL / 5 mL
 Batch: BJ41262 Sequence: S4J2139 Calibration: SJ40012 Instrument: LCOQQ

CAS NO.	COMPOUND	DILUTION	CONC. (ng/L)	Q
1180-95-6	Taurodeoxycholic Acid (TDCA)	1		U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)	1		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)	1		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M3PFBS	22.6	29.0	128	25 - 150	
M5PFHxA	24.3	31.4	129	25 - 150	
M4PFHpA	24.3	29.9	123	25 - 150	
M3PFHxS	23.0	29.0	126	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.3	32.6	134	25 - 150	
M6PFDA	12.1	12.8	105	25 - 150	
M7PFUDa	12.1	8.29	68.3	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.1	5.63	46.4	25 - 150	
M2PFTeDA	12.1	2.29	18.9	10 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	97.1	33.0	34.0	25 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.3	22.9	98.5	25 - 150	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.5	58.9	121	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.3	19.0	78.1	10 - 150	
d3-N-MeFOSAA	48.5	34.3	70.7	25 - 150	
d5-N-EtFOSAA	48.5	36.1	74.4	25 - 150	
M2-6:2 FTS	46.2	21.5	46.7	25 - 200	
M2-8:2 FTS	46.6	25.2	54.1	25 - 200	
M9PFNA	12.1	13.4	111	25 - 150	
M2-4:2 FTS	45.5	34.8	76.5	25 - 150	
d-N-MeFOSA	24.3	3.85	15.8	25 - 150	*
d-N-EtFOSA	24.3	2.79	11.5	25 - 150	*
M3HFPO-DA	97.1	47.3	48.7	25 - 150	
d9-N-EtFOSE	243	75.9	31.3	25 - 150	
d7-N-MeFOSE	243	116	47.6	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
M3PFBA	12747.33	1.225467	14833.35	1.216283	
MPFDA	4178.829	8.7916	4502.085	8.7822	
MPFHxA	11489.26	6.2152	11978.35	6.205567	
MPFHxS	988.122	7.1403	1053.3	7.13085	
MPFNA	5216.845	8.284384	5127.888	8.275117	
MPFOA	10749.7	7.699417	10829.02	7.690166	
MPFOS	3210.279	8.319783	3233.266	8.310516	
Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	1793.637	8.283967	1515.161	8.283967	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	11056.7	7.69895	8590.033	7.6897	
Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	42725.55	4.57865	37076.93	4.57865	
Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	18537.02	1.223167	61742.7	1.223167	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	4684.647	9.614683	9760.357	9.614683	



To: Todd Rollen
Labella Associates DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 04/28/2025

Site: Newton Plaza Associates, LLC- Data Usability Summary Report

The Following Items Are Being Transmitted:
Data Packages

Originals	Description of Materials	Electronic/ Hard Copy
1	GCS20037_NYSDEC_CatB_Package_Mini_Final Report.PDF	Electronic
1	GCS20037_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.146



Newton Plaza Associates, LLC- Data Usability Summary Report for December 2, 2024, 8 Hrs. Air Sample Collections

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GSC20037				
				Method
Lab ID	Field ID	Collection Date	Matrix (Collection Duration)	TO-15
CS20037	SV-3	12/2/2024	Air (8 hrs.)	x
CS20038	SV-7	12/2/2024	Air (8 hrs.)	x
CS20039	SV-8	12/2/2024	Air (8 hrs.)	x
CS20040	SV-10	12/2/2024	Air (8 hrs.)	x
CS20041	SV-2	12/2/2024	Air (8 hrs.)	x
CS20042	SV-4	12/2/2024	Air (8 hrs.)	x
CS20043	SV-6	12/2/2024	Air (8 hrs.)	x
CS20044	SV-10	12/2/2024	Air (8 hrs.)	x
CS20045	SV-9	12/2/2024	Air (8 hrs.)	x
CS20046	SV-5	12/2/2024	Air (8 hrs.)	x
CS20047	DP	12/2/2024	Air (8 hrs.)	x

Samples were analyzed under:

- USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15*, SOP HW-31, Revised 6 (September 2016)
- USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.



Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues

Data validation was completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
 2. Sample Analysis and Quality Control.
- There was no rejection of data.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criteria for compliance with method TO-15.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.
- Note- Result were presented as in laboratory report Form1 as ppbv while shown in EDD as ug/m3. Both results are accurate and acceptable. Also note, while there are both target and SIM analytes, only one is noted in EDD, thus only one is qualified within document.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review TO-15

Job ID: GCS20037

Lab ID	Field ID	Collection Date	Matrix (Collection Duration)
CS20037	SV-3	12/2/2024	Air (8 hrs.)
CS20038	SV-7	12/2/2024	Air (8 hrs.)
CS20039	SV-8	12/2/2024	Air (8 hrs.)
CS20040	SV-10	12/2/2024	Air (8 hrs.)
CS20041	SV-2	12/2/2024	Air (8 hrs.)
CS20042	SV-4	12/2/2024	Air (8 hrs.)
CS20043	SV-6	12/2/2024	Air (8 hrs.)
CS20044	SV-10	12/2/2024	Air (8 hrs.)
CS20045	SV-9	12/2/2024	Air (8 hrs.)
CS20046	SV-5	12/2/2024	Air (8 hrs.)
CS20047	DUP	12/2/2024	Air (8 hrs.)

Reviewer Summary :

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds and SOP NO. HW-31.

- It is noted that recovery was outside laboratory criteria for certain analytes of the three ICV but did not require any qualification.
- The opening and closing CCVs ran per batch had several compounds failed %D which led to qualification within associated samples as non-detect estimate or estimate "UJ/J" values.
- Within laboratory control sample CS19456, ethanol had recovery above laboratory limit led to qualification in all samples as estimate "J" values with associated samples.
- No analytes were detected within SV-5 thus no comparison to DUP needed. Each batch had duplicate samples run, RSD were all within laboratory criteria. No qualification needed.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCS20037



TO-15

Criteria	Y	N	NA	Comment
A. Sample Integrity and Preservation				
Were samples within technical hold time and extraction period?	x			
Were preserved pressure difference between sampling and analysis ≤ 5 psi)	x			
Canister Cleaning results provided?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period	x			
C. Initial Calibration				
Was a 5 point calibration conducted?	x			It is noted that recovery was outside laboratory criteria for certain analytes of the three ICV but did not require any qualification.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C? Was retention time within bounds?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			The opening and closing CCVs ran per batch had several compounds failed %D which led to qualification within associated samples as non-detect estimate or estimate "UJ/J" values. See attachment.
Were Drift % and (RRF) within acceptable criteria?	x			

Criteria	Y	N	NA	Comment
E. Laboratory Blanks/ Air Canister Certification Results				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
Were method detection limits defined?	x			
Were Air Canister Certification Results present?	x			
Were contaminants detected, if so qualification may be necessary?		x		
F. Laboratory control sample				
Was LCS analysis for this SDG?	x			Within LCS sample CS19456, ethanol had recovery above laboratory limit led to qualification in all samples as estimate "J" values with associated samples. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
G. Internal Standards				
Were Surrogates percent recovery (%R) within QC limits?	x			
Were retention times of analytes less than 20 sec difference between samples?	x			
H. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			

Criteria	Y	N	NA	Comment
I. Target Compound Identification				
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
J. Laboratory/Field Duplicate				SV-5 and DUP
Were field duplicates identified in this SDG?	x			No analytes were detected within SV-5 thus no comparison needed. Each batch had duplicate samples run, RSD were all within laboratory criteria. No qualification needed.
Were target compounds detected in it?	x			
K. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in criteria within continuous calibration and laboratory control sample. All results were within Cat. B criterion and usable.

Calculation Spot Check

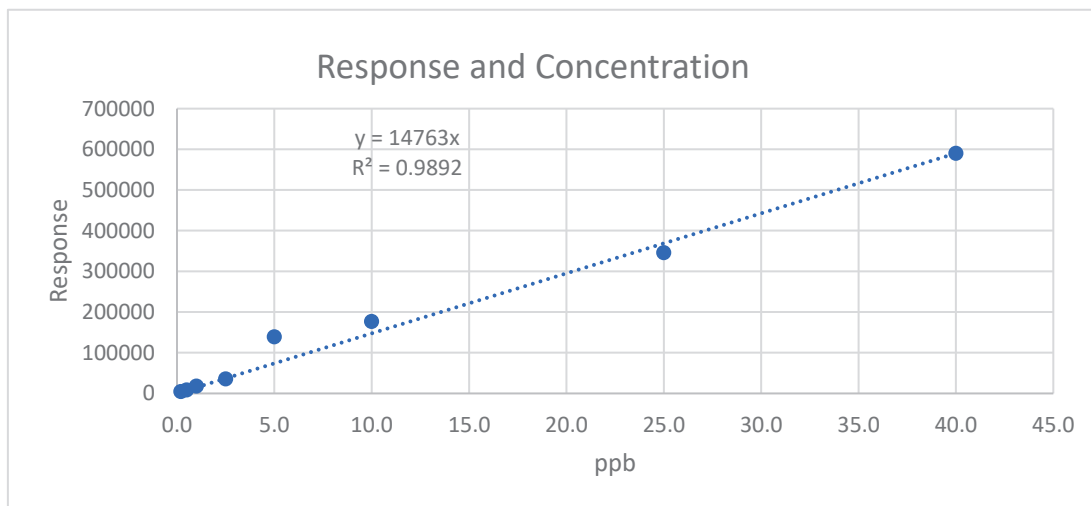
Instrument CHEM20

ICV Date 12/03/2024 05:23

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.016	4204	0.2
RRF7	0.819	8010	0.5
RRF8	0.787	17412	1.0
RRF9	0.705	35206	2.5
RRF10	0.627	138634	5.0
RRF11	0.661	176615	10.0
RRF12	0.616	345670	25.0
RRF13	0.595	589817	40.0
average	0.728		
RSD	19.43		



Calculation Spot Check

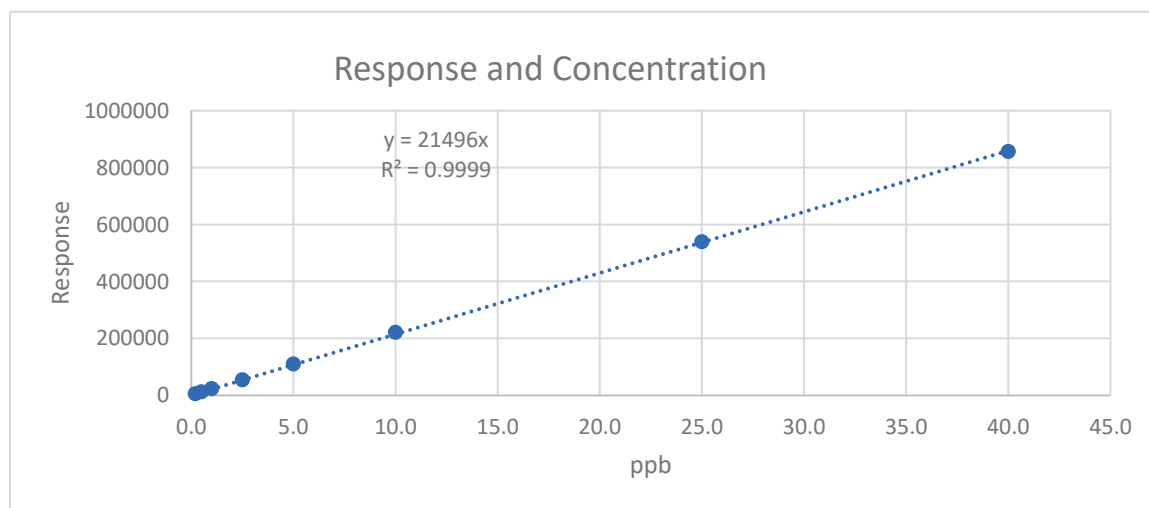
Instrumen CHEM24

ICV Date 10/18/2024 22:33

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.228	5541	0.2
RRF7	1.088	12420	0.5
RRF8	0.953	23224	1.0
RRF9	0.981	54360	2.5
RRF10	1.036	110086	5.0
RRF11	0.995	221166	10.0
RRF12	1.046	539551	25.0
RRF13	1.048	856502	40.0
average	1.047		
RSD	8.11		



Calculation Spot Check

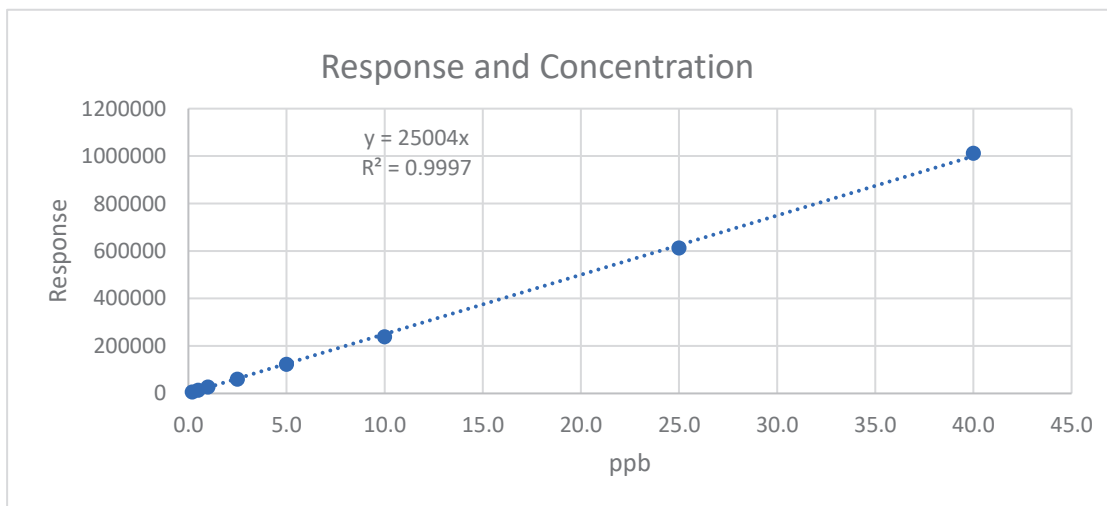
Instrument CHEM39

ICV Date 11/19/2024 01:03

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.825	5382	0.2
RRF7	1.653	12299	0.5
RRF8	1.750	26223	1.0
RRF9	1.587	59095	2.5
RRF10	1.594	121865	5.0
RRF11	1.581	237802	10.0
RRF12	1.588	612393	25.0
RRF13	1.622	1011739	40.0
average	1.650		
RSD	5.48		



Attachments for Method Review

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS20037

LCS - Client Id: CS19456 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.54	105	70	130
Dichlorodifluoromethane	10		10.43	104	70	130
Chloromethane	10		10.77	108	70	130
1,2-Dichlorotetrafluoroethane	10		10.59	106	70	130
Vinyl Chloride	10		10.74	107	70	130
1,3-Butadiene	10		10.45	105	70	130
Bromomethane	10		10.10	101	70	130
Chloroethane	10		10.40	104	70	130
Ethanol	6		8.301	138 *	70	130
Acetone	10		10.27	103	70	130
Trichlorofluoromethane	10		9.927	99	70	130
Isopropylalcohol	10		10.06	101	70	130
Acrylonitrile	10		10.09	101	70	130
1,1-Dichloroethene	10		10.33	103	70	130
Methylene Chloride	10		10.22	102	70	130
Carbon Disulfide	10		9.323	93	70	130
Trichlorotrifluoroethane	10		9.444	94	70	130
Trans-1,2-Dichloroethene	10		10.32	103	70	130
1,1-Dichloroethane	10		10.44	104	70	130
Methyl tert-butyl ether(MTBE)	10		10.88	109	70	130
Methyl Ethyl Ketone	10		11.11	111	70	130
Cis-1,2-Dichloroethene	10		10.31	103	70	130
Hexane	10		10.91	109	70	130
Chloroform	10		10.14	101	70	130
Ethyl acetate	10		12.72	127	70	130
Tetrahydrofuran	10		11.54	115	70	130
1,2-Dichloroethane	10		10.15	102	70	130
1,1,1-Trichloroethane	10		10.27	103	70	130
Benzene	10		10.37	104	70	130
Carbon Tetrachloride	10		10.22	102	70	130
Cyclohexane	10		9.690	97	70	130
1,2-dichloropropane	10		10.14	101	70	130
Bromodichloromethane	10		10.01	100	70	130
Trichloroethene	10		10.36	104	70	130
2,2,4-trimethylpentane	10		10.87	109	70	130
1,4-Dioxane	10		11.28	113	70	130
Heptane	10		11.43	114	70	130
cis-1,3-Dichloropropene	10		10.87	109	70	130
4-Methyl-2-pentanone(MIBK)	10		11.50	115	70	130
trans-1,3-Dichloropropene	10		10.70	107	70	130
1,1,2-Trichloroethane	10		10.25	103	70	130
Toluene	10		10.96	110	70	130
Dibromochloromethane	10		10.46	105	70	130
2-Hexanone(MBK)	10		12.12	121	70	130

FORM III AIR

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM20 Calibration Date: 12/04/24 Time: 14:05

Lab File Id: 1204_02.D Init. Calib. Date(s): 12/02/24 12/03/24

Heated Purge (Y/N): Y Init. Calib. Times: 22:51 05:23

GC Column: RTX-1 60M Method File: 20_AIR_1202.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.582	1.511		4.5	30
Trichlorofluoromethane(sim)	5.410	5.485		-1.4	30
1,2-Dichloroethane(sim)	1.345	1.239		7.9	30
1,1,1-Trichloroethane(sim)	1.863	1.807		3.0	30
Benzene(sim)	2.549	2.215		13.1	30
Carbon Tetrachloride(sim)	1.799	1.781		1.0	30
1,1-Dichloroethene(sim)	2.741	2.688		1.9	30
Trichlorotrifluoroethane(sim)	3.651	3.863		-5.8	30
Trans-1,2-Dichloroethene(sim)	1.281	1.111		13.3	30
1,1-Dichloroethane(sim)	1.538	1.501		2.4	30
Cis-1,2-Dichloroethene(sim)	1.234	1.038		15.9	30
Chloroform(sim)	1.910	1.871		2.0	30
1,2-dichloropropane(sim)	0.321	0.300		6.5	30
Bromodichloromethane(sim)	0.541	0.501		7.4	30
Trichloroethene(sim)	0.482	0.420		12.9	30
1,4-Dioxane(sim)	0.149	0.151		-1.3	30
cis-1,3-Dichloropropene(sim)	0.462	0.427		7.6	30
1,1,2-Trichloroethane(sim)	0.314	0.300		4.5	30
Dibromochloromethane(sim)	0.574	0.595		-3.7	30
1,2-Dibromoethane(EDB)(sim)	0.521	0.452		13.2	30
Tetrachloroethene(sim)	0.696	0.655		5.9	30
Bromoform(sim)	1.284	1.340		-4.4	30
m,p-Xylene(sim)	1.961	1.830		6.7	30
1,1,2,2-Tetrachloroethane(sim)	1.637	1.551		5.3	30
Benzyl chloride(sim)	0.936	0.856		8.5	30
1,3-Dichlorobenzene(sim)	2.160	1.975		8.6	30
1,4-Dichlorobenzene(sim)	1.817	1.502		17.3	30
sec-Butylbenzene(sim)	4.086	3.888		4.8	30
4-Isopropyltoluene(sim)	3.437	3.121		9.2	30
1,2-Dichlorobenzene(sim)	2.009	1.820		9.4	30
n-Butylbenzene(sim)	2.807	2.591		7.7	30
1,2,4-Trichlorobenzene(sim)	1.518	1.139		25.0	30
Hexachlorobutadiene(sim)	2.317	1.522		34.3 #	30
% Bromofluorobenzene	1.156	1.314		-13.7	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

Reviewer Comment: Due to %D results above laboratory limit analytes Hexachlorobutadiene(sim) Trichlorofluoromethane(sim) and Carbon Disulfide are qualified as a non-detect estimate "UJ" values within associated samples CS20044-CS20047.

7A

AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM20 Calibration Date: 12/05/24 Time: 12:15

Lab File Id: 1205_02.D Init. Calib. Date(s): 12/02/24 12/03/24

Heated Purge (Y/N): Y Init. Calib. Times: 22:51 05:23

GC Column: RTX-1 60M Method File: 20_AIR_1202.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	0.728	0.767		-5.4	30
Dichlorodifluoromethane	2.888	2.619		9.3	30
Chloromethane	1.272	1.507		-18.5	30
1,2-Dichlorotetrafluoroethane	4.276	4.747		-11.0	30
Vinyl Chloride	1.417	1.675		-18.2	30
1,3-Butadiene	1.088	1.259		-15.7	30
Bromomethane	1.570	1.787		-13.8	30
Chloroethane	0.644	0.774		-20.2	30
Ethanol	0.659	0.804		-22.0	30
Acetone	2.932	3.455		-17.8	30
Trichlorofluoromethane	5.215	6.061		-16.2	30
Isopropylalcohol	3.129	3.676		-17.5	30
Acrylonitrile	1.102	1.336		-21.2	30
1,1-Dichloroethene	2.789	3.200		-14.7	30
Methylene Chloride	2.058	2.477		-20.4	30
Carbon Disulfide	4.117	2.363		42.6 #	30
Trichlorotrifluoroethane	3.632	1.934		46.8 #	30
Trans-1,2-Dichloroethene	1.217	1.287		-5.8	30
1,1-Dichloroethane	1.482	1.587		-7.1	30
Methyl tert-butyl ether(MTBE)	2.195	2.203		-0.4	30
Methyl Ethyl Ketone	1.894	2.107		-11.2	30
Cis-1,2-Dichloroethene	1.223	1.217		0.5	30
Hexane	1.252	1.287		-2.8	30
Chloroform	1.915	1.964		-2.6	30
Ethyl acetate	0.243	0.252		-3.7	30
Tetrahydrofuran	0.952	0.994		-4.4	30
1,2-Dichloroethane	1.359	1.386		-2.0	30
1,1,1-Trichloroethane	1.916	2.026		-5.7	30
Benzene	2.584	2.584		0.0	30
Carbon Tetrachloride	2.024	2.008		0.8	30
Cyclohexane	1.071	1.102		-2.9	30
1,2-dichloropropane	0.284	0.312		-9.9	30
Bromodichloromethane	0.596	0.559		6.2	30
Trichloroethene	0.420	0.372		11.4	30
2,2,4-trimethylpentane	1.165	1.092		6.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

FORM VII AIR

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM20 Calibration Date: 12/05/24 Time: 12:15

Lab File Id: 1205_02.D Init. Calib. Date(s): 12/02/24 12/03/24

Heated Purge (Y/N): Y Init. Calib. Times: 22:51 05:23

GC Column: RTX-1 60M Method File: 20_AIR_1202.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.582	1.525		3.6	30
Trichlorofluoromethane(sim)	5.410	5.518		-2.0	30
1,2-Dichloroethane(sim)	1.345	1.182		12.1	30
1,1,1-Trichloroethane(sim)	1.863	1.920		-3.1	30
Benzene(sim)	2.549	2.205		13.5	30
Carbon Tetrachloride(sim)	1.799	1.980		-10.1	30
1,1-Dichloroethene(sim)	2.741	2.730		0.4	30
Trichlorotrifluoroethane(sim)	3.651	1.816		50.3 #	30
Trans-1,2-Dichloroethene(sim)	1.281	1.098		14.3	30
1,1-Dichloroethane(sim)	1.538	1.523		1.0	30
Cis-1,2-Dichloroethene(sim)	1.234	1.038		15.9	30
Chloroform(sim)	1.910	1.929		-1.0	30
1,2-dichloropropane(sim)	0.321	0.314		2.2	30
Bromodichloromethane(sim)	0.541	0.559		-3.3	30
Trichloroethene(sim)	0.482	0.441		8.5	30
1,4-Dioxane(sim)	0.149	0.138		7.4	30
cis-1,3-Dichloropropene(sim)	0.462	0.462		0.0	30
1,1,2-Trichloroethane(sim)	0.314	0.325		-3.5	30
Dibromochloromethane(sim)	0.574	0.665		-15.9	30
1,2-Dibromoethane(EDB)(sim)	0.521	0.519		0.4	30
Tetrachloroethene(sim)	0.696	0.679		2.4	30
Bromoform(sim)	1.284	1.527		-18.9	30
m,p-Xylene(sim)	1.961	1.914		2.4	30
1,1,2,2-Tetrachloroethane(sim)	1.637	1.624		0.8	30
Benzyl chloride(sim)	0.936	0.976		-4.3	30
1,3-Dichlorobenzene(sim)	2.160	2.058		4.7	30
1,4-Dichlorobenzene(sim)	1.817	1.713		5.7	30
sec-Butylbenzene(sim)	4.086	4.044		1.0	30
4-Isopropyltoluene(sim)	3.437	3.182		7.4	30
1,2-Dichlorobenzene(sim)	2.009	1.886		6.1	30
n-Butylbenzene(sim)	2.807	2.687		4.3	30
1,2,4-Trichlorobenzene(sim)	1.518	1.150		24.2	30
Hexachlorobutadiene(sim)	2.317	1.494		35.5 #	30
% Bromofluorobenzene	1.156	1.283		-11.0	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM24 Calibration Date: 12/04/24 Time: 14:12

Lab File Id: 1204_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.172		5.0	30
Heptane	0.716	0.796		-11.2	30
cis-1,3-Dichloropropene	0.519	0.477		8.1	30
4-Methyl-2-pentanone(MIBK)	0.917	1.042		-13.6	30
trans-1,3-Dichloropropene	0.423	0.364		13.9	30
1,1,2-Trichloroethane	0.414	0.389		6.0	30
Toluene	1.094	0.993		9.2	30
Dibromochloromethane	0.917	0.872		4.9	30
2-Hexanone(MBK)	0.787	0.837		-6.4	30
1,2-Dibromoethane(EDB)	0.720	0.671		6.8	30
Tetrachloroethene	0.676	0.613		9.3	30
1,1,1,2-Tetrachloroethane	1.299	1.329		-2.3	30
Chlorobenzene	2.128	2.099		1.4	30
Ethylbenzene	3.044	2.752		9.6	30
m,p-Xylene	2.287	1.741		23.9	30
Bromoform	1.951	1.873		4.0	30
Styrene	1.751	1.486		15.1	30
1,1,2,2-Tetrachloroethane	1.855	1.863		-0.4	30
o-Xylene	2.440	2.276		6.7	30
Isopropylbenzene	3.612	3.498		3.2	30
4-Ethyltoluene	3.459	3.100		10.4	30
1,3,5-Trimethylbenzene	2.974	2.756		7.3	30
1,2,4-Trimethylbenzene	3.007	2.584		14.1	30
Benzyl chloride qfi	1.000	0.57		43.0 #	20
1,3-Dichlorobenzene	2.067	1.775		14.1	30
1,4-Dichlorobenzene	1.700	1.405		17.4	30
sec-Butylbenzene	4.478	4.225		5.6	30
4-Isopropyltoluene	4.192	3.725		11.1	30
1,2-Dichlorobenzene	1.961	1.599		18.5	30
n-Butylbenzene	2.927	2.326		20.5	30
1,2,4-Trichlorobenzene qfi	1.000	0.34		66.0 #	20
Naphthalene qfi	1.000	0.33		67.0 #	20
Hexachlorobutadiene	2.132	1.582		25.8	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.398		5.4	30
Vinyl Chloride(sim)	1.180	1.220		-3.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM24 Calibration Date: 12/04/24 Time: 14:12

Lab File Id: 1204_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.974		8.0	30
Trichlorofluoromethane(sim)	2.932	2.891		1.4	30
1,2-Dichloroethane(sim)	1.590	1.573		1.1	30
1,1,1-Trichloroethane(sim)	2.390	2.338		2.2	30
Benzene(sim)	3.031	2.518		16.9	30
Carbon Tetrachloride(sim)	2.578	2.589		-0.4	30
1,1-Dichloroethene(sim)	1.894	1.818		4.0	30
Trichlorotrifluoroethane(sim)	2.341	2.242		4.2	30
Trans-1,2-Dichloroethene(sim)	1.817	1.697		6.6	30
1,1-Dichloroethane(sim)	2.237	2.183		2.4	30
Cis-1,2-Dichloroethene(sim)	1.697	1.554		8.4	30
Chloroform(sim)	2.228	2.209		0.9	30
1,2-dichloropropane(sim)	0.455	0.454		0.2	30
Bromodichloromethane(sim)	0.716	0.707		1.3	30
Trichloroethene(sim)	0.519	0.507		2.3	30
1,4-Dioxane(sim)	0.183	0.172		6.0	30
cis-1,3-Dichloropropene(sim)	0.549	0.527		4.0	30
1,1,2-Trichloroethane(sim)	0.426	0.389		8.7	30
Dibromochloromethane(sim)	0.904	0.904		0.0	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.671		7.8	30
Tetrachloroethene(sim)	0.722	0.649		10.1	30
Bromoform(sim)	1.912	1.864		2.5	30
m,p-Xylene(sim)	2.785	2.176		21.9	30
1,1,2,2-Tetrachloroethane(sim)	1.990	1.931		3.0	30
Benzyl chloride(sim) qfi	1.000	0.91		9.0	20
1,3-Dichlorobenzene(sim)	1.819	1.917		-5.4	30
1,4-Dichlorobenzene(sim)	1.446	1.405		2.8	30
sec-Butylbenzene(sim)	5.063	4.720		6.8	30
4-Isopropyltoluene(sim)	4.380	3.727		14.9	30
1,2-Dichlorobenzene(sim)	1.975	1.837		7.0	30
n-Butylbenzene(sim)	2.503	2.325		7.1	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.56		44.0 #	20
Hexachlorobutadiene(sim)	2.108	1.575		25.3	30
% Bromofluorobenzene	1.294	1.296		-0.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM24 Calibration Date: 12/05/24 Time: 12:22

Lab File Id: 1205_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.171		5.5	30
Heptane	0.716	0.786		-9.8	30
cis-1,3-Dichloropropene	0.519	0.487		6.2	30
4-Methyl-2-pentanone(MIBK)	0.917	1.023		-11.6	30
trans-1,3-Dichloropropene	0.423	0.365		13.7	30
1,1,2-Trichloroethane	0.414	0.398		3.9	30
Toluene	1.094	0.974		11.0	30
Dibromochloromethane	0.917	0.871		5.0	30
2-Hexanone(MBK)	0.787	0.808		-2.7	30
1,2-Dibromoethane(EDB)	0.720	0.661		8.2	30
Tetrachloroethene	0.676	0.617		8.7	30
1,1,1,2-Tetrachloroethane	1.299	1.366		-5.2	30
Chlorobenzene	2.128	2.143		-0.7	30
Ethylbenzene	3.044	2.738		10.1	30
m,p-Xylene	2.287	1.800		21.3	30
Bromoform	1.951	1.896		2.8	30
Styrene	1.751	1.424		18.7	30
1,1,2,2-Tetrachloroethane	1.855	1.886		-1.7	30
o-Xylene	2.440	2.341		4.1	30
Isopropylbenzene	3.612	3.530		2.3	30
4-Ethyltoluene	3.459	3.074		11.1	30
1,3,5-Trimethylbenzene	2.974	2.718		8.6	30
1,2,4-Trimethylbenzene	3.007	2.584		14.1	30
Benzyl chloride qfi	1.000	0.57		43.0 #	20
1,3-Dichlorobenzene	2.067	1.794		13.2	30
1,4-Dichlorobenzene	1.700	1.434		15.6	30
sec-Butylbenzene	4.478	4.284		4.3	30
4-Isopropyltoluene	4.192	3.759		10.3	30
1,2-Dichlorobenzene	1.961	1.642		16.3	30
n-Butylbenzene	2.927	2.370		19.0	30
1,2,4-Trichlorobenzene qfi	1.000	0.33		67.0 #	20
Naphthalene qfi	1.000	0.30		70.0 #	20
Hexachlorobutadiene	2.132	1.624		23.8	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.292		9.6	30
Vinyl Chloride(sim)	1.180	1.197		-1.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM24 Calibration Date: 12/05/24 Time: 12:22

Lab File Id: 1205_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.939		11.3	30
Trichlorofluoromethane(sim)	2.932	2.872		2.0	30
1,2-Dichloroethane(sim)	1.590	1.622		-2.0	30
1,1,1-Trichloroethane(sim)	2.390	2.322		2.8	30
Benzene(sim)	3.031	2.465		18.7	30
Carbon Tetrachloride(sim)	2.578	2.606		-1.1	30
1,1-Dichloroethene(sim)	1.894	1.793		5.3	30
Trichlorotrifluoroethane(sim)	2.341	2.242		4.2	30
Trans-1,2-Dichloroethene(sim)	1.817	1.668		8.2	30
1,1-Dichloroethane(sim)	2.237	2.167		3.1	30
Cis-1,2-Dichloroethene(sim)	1.697	1.559		8.1	30
Chloroform(sim)	2.228	2.202		1.2	30
1,2-dichloropropane(sim)	0.455	0.452		0.7	30
Bromodichloromethane(sim)	0.716	0.723		-1.0	30
Trichloroethene(sim)	0.519	0.507		2.3	30
1,4-Dioxane(sim)	0.183	0.171		6.6	30
cis-1,3-Dichloropropene(sim)	0.549	0.519		5.5	30
1,1,2-Trichloroethane(sim)	0.426	0.398		6.6	30
Dibromochloromethane(sim)	0.904	0.910		-0.7	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.661		9.2	30
Tetrachloroethene(sim)	0.722	0.649		10.1	30
Bromoform(sim)	1.912	1.913		-0.1	30
m,p-Xylene(sim)	2.785	2.250		19.2	30
1,1,2,2-Tetrachloroethane(sim)	1.990	1.985		0.3	30
Benzyl chloride(sim) qfi	1.000	0.90		10.0	20
1,3-Dichlorobenzene(sim)	1.819	1.937		-6.5	30
1,4-Dichlorobenzene(sim)	1.446	1.434		0.8	30
sec-Butylbenzene(sim)	5.063	4.771		5.8	30
4-Isopropyltoluene(sim)	4.380	3.759		14.2	30
1,2-Dichlorobenzene(sim)	1.975	1.876		5.0	30
n-Butylbenzene(sim)	2.503	2.370		5.3	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.55		45.0 #	20
Hexachlorobutadiene(sim)	2.108	1.626		22.9	30
% Bromofluorobenzene	1.294	1.319		-1.9	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM39 Calibration Date: 12/04/24 Time: 14:10

Lab File Id: 1204_02.D Init. Calib. Date(s): 11/18/24 11/19/24

Heated Purge (Y/N): Y Init. Calib. Times: 17:57 01:03

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1118.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	1.650	1.646		0.2	30
Dichlorodifluoromethane	3.102	2.948		5.0	30
Chloromethane	1.973	2.084		-5.6	30
1,2-Dichlorotetrafluoroethane	2.904	2.871		1.1	30
Vinyl Chloride	1.436	1.461		-1.7	30
1,3-Butadiene	1.570	1.544		1.7	30
Bromomethane	0.984	0.979		0.5	30
Chloroethane	0.554	0.528		4.7	30
Ethanol	0.837	0.939		-12.2	30
Acetone	3.418	4.507		-31.9 #	30
Trichlorofluoromethane	3.271	3.172		3.0	30
Isopropylalcohol	3.888	3.767		3.1	30
Acrylonitrile	1.561	1.543		1.2	30
1,1-Dichloroethene	2.565	2.652		-3.4	30
Methylene Chloride	2.714	2.797		-3.1	30
Carbon Disulfide	3.078	3.092		-0.5	30
Trichlorotrifluoroethane	2.518	2.281		9.4	30
Trans-1,2-Dichloroethene	2.414	2.330		3.5	30
1,1-Dichloroethane	2.725	2.641		3.1	30
Methyl tert-butyl ether(MTBE)	2.636	2.386		9.5	30
Methyl Ethyl Ketone	4.331	4.913		-13.4	30
Cis-1,2-Dichloroethene	2.268	2.103		7.3	30
Hexane	2.856	2.597		9.1	30
Chloroform	2.390	2.371		0.8	30
Ethyl acetate	0.591	0.596		-0.8	30
Tetrahydrofuran	2.024	1.916		5.3	30
1,2-Dichloroethane	2.191	2.137		2.5	30
1,1,1-Trichloroethane	2.455	2.344		4.5	30
Benzene	3.230	3.197		1.0	30
Carbon Tetrachloride	2.846	2.725		4.3	30
Cyclohexane	1.253	1.154		7.9	30
1,2-dichloropropane	0.547	0.559		-2.2	30
Bromodichloromethane	0.737	0.724		1.8	30
Trichloroethene	0.452	0.442		2.2	30
2,2,4-trimethylpentane	2.587	2.550		1.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

Reviewer Comment: Due to %D results above laboratory limit Naphthalene is qualified as a non-detect estimate "UJ" value within associated samples CS20038-CS20043.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS20037

Instrument: CHEM39 Calibration Date: 12/05/24 Time: 10:22

Lab File Id: 1204_26.D Init. Calib. Date(s): 11/18/24 11/19/24

Heated Purge (Y/N): Y Init. Calib. Times: 17:57 01:03

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1118.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.188	0.166		11.7	30
Heptane	1.101	1.066		3.2	30
cis-1,3-Dichloropropene	0.571	0.507		11.2	30
4-Methyl-2-pentanone(MIBK)	1.405	1.404		0.1	30
trans-1,3-Dichloropropene	0.454	0.409		9.9	30
1,1,2-Trichloroethane	0.413	0.406		1.7	30
Toluene	1.145	1.044		8.8	30
Dibromochloromethane	0.850	0.835		1.8	30
2-Hexanone(MBK)	1.263	1.325		-4.9	30
1,2-Dibromoethane(EDB)	0.719	0.694		3.5	30
Tetrachloroethene	0.629	0.597		5.1	30
1,1,1,2-Tetrachloroethane	1.064	1.148		-7.9	30
Chlorobenzene	1.752	1.977		-12.8	30
Ethylbenzene	2.682	2.788		-4.0	30
m,p-Xylene	2.093	1.772		15.3	30
Bromoform	1.729	1.860		-7.6	30
Styrene	1.578	1.528		3.2	30
1,1,2,2-Tetrachloroethane	1.782	1.972		-10.7	30
o-Xylene	2.239	2.388		-6.7	30
Isopropylbenzene	3.212	3.513		-9.4	30
4-Ethyltoluene	3.224	3.205		0.6	30
1,3,5-Trimethylbenzene	2.685	2.774		-3.3	30
1,2,4-Trimethylbenzene	2.697	2.707		-0.4	30
Benzyl chloride	2.353	2.329		1.0	30
1,3-Dichlorobenzene	2.007	2.076		-3.4	30
1,4-Dichlorobenzene	1.953	1.998		-2.3	30
sec-Butylbenzene	3.995	4.335		-8.5	30
4-Isopropyltoluene	3.670	3.862		-5.2	30
1,2-Dichlorobenzene	1.887	1.910		-1.2	30
n-Butylbenzene	3.359	3.362		-0.1	30
1,2,4-Trichlorobenzene	1.456	1.092		25.0	30
Naphthalene	2.890	1.967		31.9 #	30
Hexachlorobutadiene	1.552	1.329		14.4	30
1,2-Dichlorotetrafluoroethane(sim)	2.689	2.547		5.3	30
Vinyl Chloride(sim)	1.417	1.366		3.6	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS20037</u>	Lab Sample ID:	<u>CS20037 5X</u>
Canister:	<u>13646</u>	Lab File ID:	<u>1204_22.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/04/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/05/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	2.11	U	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-3 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20037 5X	
Canister:	13646	Lab File ID:	1204_22.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/04/24
Purge Volume	200 (cc)	Date Analyzed:	12/05/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.495		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U J	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to %D results above laboratory limit of associated continuing calibration checks of batch 761022 analytes Acetone and Naphthalene are qualified as estimate or non-detect estimate "J/UJ" values in sample. Ethanol is qualified due to recovery above limits within laboratory control sample CS19456.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS20037	Lab Sample ID:	CS20038 5X
Canister:	263	Lab File ID:	1204_17.D
Instrument:	CHEM39	Column:	TX-1 ; #10157
		Date Received:	12/04/24
Purge Volume	200 (cc)	Date Analyzed:	12/05/24
Matrix:	AIR	Dilution Factor:	5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.75	J	2.66	2.66	r
67-64-1	Acetone	6.84	J	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-8 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20039 5X	
Canister:	49233	Lab File ID:	1204_18.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	Date Received:
				12/04/24
Purge Volume	200 (cc)	Date Analyzed:	12/05/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	3.82 J	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	2.00		0.891	0.891	r
67-63-0	Isopropylalcohol	2.19	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
156-59-2	Cis-1,2-Dichloroethene	31.8		0.252	0.252	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	1.70		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
79-01-6	Trichloroethene	180		0.185	0.185	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	2730	E	0.184	0.184	
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SV-8 5X

SDG No.: GCS20037

Lab Sample ID: CS20039 5X

Canister: 49233

Lab File ID: 1204_18.D

Instrument: CHEM39 Column: TX-1 ; #10157

Date Received: 12/04/24

Purge Volume 200 (cc)

Date Analyzed: 12/05/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS20037</u>	Lab Sample ID:	<u>CS20040 5X</u>
Canister:	<u>19962</u>	Lab File ID:	<u>1204_19.D</u>
Instrument:	<u>CHEM39</u>	Column:	<u>TX-1 ; #10157</u>
		Date Received:	<u>12/04/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/05/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	4.81	J	2.11	2.11	r
67-63-0	Isopropylalcohol	2.23	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to %D results above laboratory limit of associated continuing calibration checks of batch 761022 analytes Acetone and Naphthalene are qualified as estimate or non-detect estimate "J/UJ" values in sample. Ethanol is qualified due to recovery above limits within laboratory control sample CS19456.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-2 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20041 5X	
Canister:	19969	Lab File ID:	1204_20.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	Date Received:
				12/04/24
Purge Volume	200 (cc)	Date Analyzed:	12/05/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	5.32 J	S	2.66	2.66	r
67-64-1	Acetone	4.19 J	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	2.18		0.891	0.891	r
67-63-0	Isopropylalcohol	2.21	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	21.7		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	6.04		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-4 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20042 5X	
Canister:	28560	Lab File ID:	1204_21.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	
		Date Received:	12/04/24	
Purge Volume	200 (cc)	Date Analyzed:	12/05/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	15.1		1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	5.53 J	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	1.15		0.891	0.891	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-6 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20043 5X	
Canister:	4615	Lab File ID:	1204_22.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	
		Date Received:	12/04/24	
Purge Volume	200 (cc)	Date Analyzed:	12/05/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	4.63 J	S	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	1.27		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00 UJ		1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to %D results above laboratory limit of associated continuing calibration checks of batch 761386 analytes Hexachlorobutadiene(sim), Trichlorofluoromethane(sim) and Carbon Disulfide are qualified as a non-detect estimate "UJ" values in sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-1 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20044 5X	
Canister:	369	Lab File ID:	1204_20.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200	(cc)		Date Analyzed:
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	7.96	S	2.66	2.66	r
67-64-1	Acetone	2.11	U	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	UJ	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	17.6		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS20037</u>	Lab Sample ID:	<u>CS20044 5X</u>
Canister:	<u>369</u>	Lab File ID:	<u>1204_20.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/04/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/05/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	UJ	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.184	U	0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	UJ	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to %D results above laboratory limit of associated continuing calibration checks of batch 761386 analytes Hexachlorobutadiene(sim), Trichlorofluoromethane(sim) and Carbon Disulfide are qualified as a non-detect estimate "UJ" values in sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-9 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20045 5X	
Canister:	1007	Lab File ID:	1204_21.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200	(cc)		Date Analyzed:
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	3.60	S	2.66	2.66	r
67-64-1	Acetone	2.95	S	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U J	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS20037</u>	Lab Sample ID:	<u>CS20045 5X</u>
Canister:	<u>1007</u>	Lab File ID:	<u>1204_21.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/04/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/05/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
<u>75-69-4</u>	<u>Trichlorofluoromethane(sim)</u>	<u>0.891</u>	<u>UJ</u>	<u>0.891</u>	<u>0.891</u>	<u>r</u>
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.184	U	0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
<u>87-68-3</u>	<u>Hexachlorobutadiene(sim)</u>	<u>0.469</u>	<u>UJ</u>	<u>0.469</u>	<u>0.469</u>	<u>r</u>

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to %D results above laboratory limit of associated continuing calibration checks of batch 761386 analytes Hexachlorobutadiene(sim), Trichlorofluoromethane(sim) and Carbon Disulfide are qualified as a non-detect estimate "UJ" values in sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-5 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20046 5X	
Canister:	28565	Lab File ID:	1204_22.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/04/24
Purge Volume	200 (cc)	Date Analyzed:	12/05/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	2.11	U	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	UJ	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SV-5 5X
SDG No.:	GCS20037	Lab Sample ID:	CS20046 5X	
Canister:	28565	Lab File ID:	1204_22.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200	(cc)		Date Analyzed:
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.891	UJ	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.300	U	0.300	0.300	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	UJ	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to %D results above laboratory limit of associated continuing calibration checks of batch 761386 analytes Hexachlorobutadiene(sim), Trichlorofluoromethane(sim) and Carbon Disulfide are qualified as a non-detect estimate "UJ" values in sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS20037	Lab Sample ID:	CS20047 5X
Canister:	28549	Lab File ID:	1204_23.D
Instrument:	CHEM20	Column:	RTX-1 60M
Purge Volume	200	(cc)	12/04/24
Matrix:	AIR	Dilution Factor:	5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	4.58	S	2.66	2.66	r
67-64-1	Acetone	2.11	U	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	UJ	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

DUP 5X

SDG No.: GCS20037

Lab Sample ID: CS20047 5X

Canister: 28549

Lab File ID: 1204_23.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 12/04/24

Purge Volume 200 (cc)

Date Analyzed: 12/05/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
<u>75-69-4</u>	<u>Trichlorofluoromethane(sim)</u>	<u>0.891</u>	<u>U J</u>	<u>0.891</u>	<u>0.891</u>	<u>r</u>
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.250	U	0.250	0.250	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
<u>87-68-3</u>	<u>Hexachlorobutadiene(sim)</u>	<u>0.469</u>	<u>U J</u>	<u>0.469</u>	<u>0.469</u>	<u>r</u>

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

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To: Todd Rollen
Labella Associates DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 04/28/2025

Site: Newton Plaza Associates, LLC - Data Usability Summary Report

The Following Items Are Being Transmitted:
Data Packages

Originals	Description of Materials	Electronic/ Hard Copy
1	GCS21162_NYSDEC_CatB_Package_Mini_Final Report.PDF	Electronic
1	GCS21162_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.146



Newton Plaza Associates, LLC - Data Usability Summary Report for December 2, 2024, 8 Hrs. Air Sample Collections

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GSC21162				Method
Lab ID	Field ID	Collection Date	Matrix (Collection Duration)	TO-15
CS21162	OA-1	12/2/2024	Air (8 hrs.)	x
CS21163	SS-9	12/2/2024	Air (8 hrs.)	x
CS21164	IA-15	12/2/2024	Air (8 hrs.)	x
CS21165	SS-15	12/2/2024	Air (8 hrs.)	x
CS21166	IA-3	12/2/2024	Air (8 hrs.)	x
CS21167	IA-7	12/2/2024	Air (8 hrs.)	x
CS21168	SS-3	12/2/2024	Air (8 hrs.)	x
CS21169	SS-7	12/2/2024	Air (8 hrs.)	x

Samples were analyzed under:

- USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15*, SOP HW-31, Revised 6 (September 2016)
- USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.



Overall Usability Issues

Data validation was completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

- There was no rejection of data.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criteria for compliance with method TO-15.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

Note- Result were presented as in laboratory report Form1 as ppbv while shown in EDD as ug/m³. Both results are accurate and acceptable. Also note, while there are both target and SIM analytes, only one is noted in EDD, thus only one is qualified within document.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review TO-15

Job ID: GCS21162

Lab ID	Field ID	Collection Date	Matrix (Collection Duration)
CS21162	OA-1	12/2/2024	Air (8 hrs.)
CS21163	SS-9	12/2/2024	Air (8 hrs.)
CS21164	IA-15	12/2/2024	Air (8 hrs.)
CS21165	SS-15	12/2/2024	Air (8 hrs.)
CS21166	IA-3	12/2/2024	Air (8 hrs.)
CS21167	IA-7	12/2/2024	Air (8 hrs.)
CS21168	SS-3	12/2/2024	Air (8 hrs.)
CS21169	SS-7	12/2/2024	Air (8 hrs.)

Reviewer Summary :

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds and SOP NO. HW-31.

- It is noted that several analytes recovery was outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.
- The opening and closing CCVs per batch 761314 had analytes Napthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Note, while additional analytes may have failed, not all analytes are present in samples.
- Within LCS sample CS20740, ethyl acetate had recovery above laboratory limit led to qualification in samples CS21164 and CS21166 as estimate "J" values. Within LCS sample CS20743, ethanol had recovery above laboratory limit led to qualification in all associated sample.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCS21162



TO-15

Criteria	Y	N	NA	Comment
A. Sample Integrity and Preservation				
Were samples within technical hold time and extraction period?	x			
Were preserved pressure difference between sampling and analysis ≤ 5 psi)	x			
Canister Cleaning results provided?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period	x			
C. Initial Calibration				
Was a 5 point calibration conducted?	x			It is noted that several analytes recovery was outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C? Was retention time within bounds?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			The opening and closing CCVs per batch 761314 had analytes Napthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. See attachment.
Were Drift % and (RRF) within acceptable criteria?		x		

Criteria	Y	N	NA	Comment
E. Laboratory Blanks/ Air Canister Certification Results				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
Were method detection limits defined?	x			
Were Air Canister Certification Results present?	x			
Were contaminants detected, if so qualification may be necessary?		x		
F. Laboratory control sample				
Was LCS analysis for this SDG?	x			Within LCS sample CS20740, ethyl acetate had recovery above laboratory limit led to qualification in samples CS21164 and CS21166 as estimate "J" values. Within LCS sample CS20743, ethanol had recovery above laboratory limit led to qualification in all associated sample. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
G. Internal Standards				
Were Surrogates percent recovery (%R) within QC limits?	x			
Were retention times of analytes less than 20 sec difference between samples?	x			
H. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			

Criteria	Y	N	NA	Comment
I. Target Compound Identification				
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
J. Laboratory/Field Duplicate				
Were field duplicates identified in this SDG?		x		
Were target compounds detected in it?			x	
K. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in criteria within continuous calibration and laboratory control sample. All results were within Cat. B criterion and usable.

Calculation Spot Check

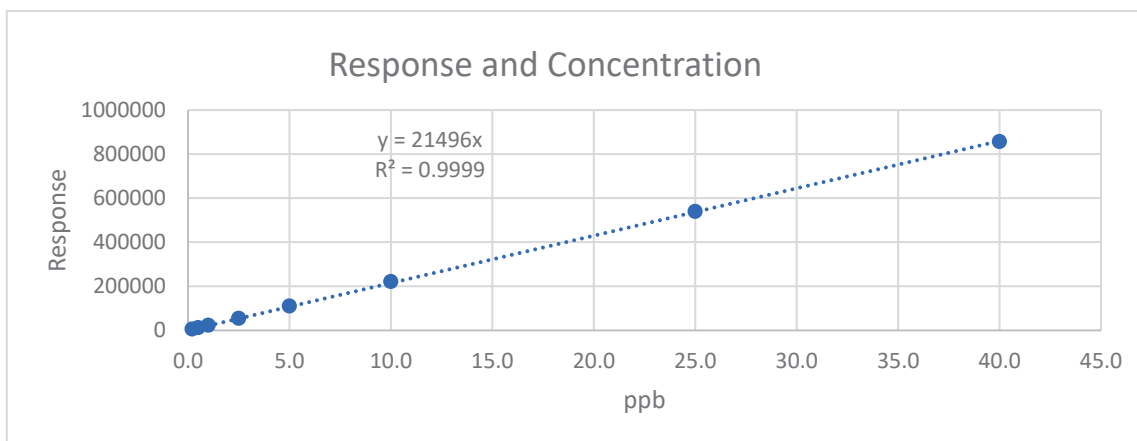
Instrumen CHEM24

ICV Date 10/18/2024 22:33

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.228	5541	0.2
RRF7	1.088	12420	0.5
RRF8	0.953	23224	1.0
RRF9	0.981	54360	2.5
RRF10	1.036	110086	5.0
RRF11	0.995	221166	10.0
RRF12	1.046	539551	25.0
RRF13	1.048	856502	40.0
average	1.047		
RSD	8.11		



Calculation Spot Check

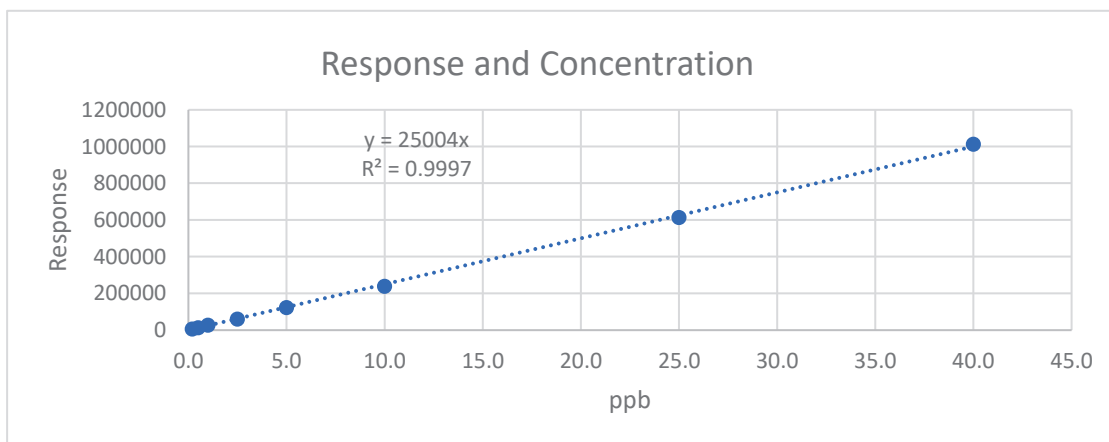
Instrument CHEM39

ICV Date 11/19/2024 01:03

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.825	5382	0.2
RRF7	1.653	12299	0.5
RRF8	1.750	26223	1.0
RRF9	1.587	59095	2.5
RRF10	1.594	121865	5.0
RRF11	1.581	237802	10.0
RRF12	1.588	612393	25.0
RRF13	1.622	1011739	40.0
average	1.650		
RSD	5.48		



Attachments for Method Review

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS21162

Instrument: CHEM24 Calibration Date: 12/05/24 Time: 12:22

Lab File Id: 1205_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.171		5.5	30
Heptane	0.716	0.786		-9.8	30
cis-1,3-Dichloropropene	0.519	0.487		6.2	30
4-Methyl-2-pentanone(MIBK)	0.917	1.023		-11.6	30
trans-1,3-Dichloropropene	0.423	0.365		13.7	30
1,1,2-Trichloroethane	0.414	0.398		3.9	30
Toluene	1.094	0.974		11.0	30
Dibromochloromethane	0.917	0.871		5.0	30
2-Hexanone(MBK)	0.787	0.808		-2.7	30
1,2-Dibromoethane(EDB)	0.720	0.661		8.2	30
Tetrachloroethene	0.676	0.617		8.7	30
1,1,1,2-Tetrachloroethane	1.299	1.366		-5.2	30
Chlorobenzene	2.128	2.143		-0.7	30
Ethylbenzene	3.044	2.738		10.1	30
m,p-Xylene	2.287	1.800		21.3	30
Bromoform	1.951	1.896		2.8	30
Styrene	1.751	1.424		18.7	30
1,1,2,2-Tetrachloroethane	1.855	1.886		-1.7	30
o-Xylene	2.440	2.341		4.1	30
Isopropylbenzene	3.612	3.530		2.3	30
4-Ethyltoluene	3.459	3.074		11.1	30
1,3,5-Trimethylbenzene	2.974	2.718		8.6	30
1,2,4-Trimethylbenzene	3.007	2.584		14.1	30
Benzyl chloride qfi	1.000	0.57		43.0 #	20
1,3-Dichlorobenzene	2.067	1.794		13.2	30
1,4-Dichlorobenzene	1.700	1.434		15.6	30
sec-Butylbenzene	4.478	4.284		4.3	30
4-Isopropyltoluene	4.192	3.759		10.3	30
1,2-Dichlorobenzene	1.961	1.642		16.3	30
n-Butylbenzene	2.927	2.370		19.0	30
1,2,4-Trichlorobenzene qfi	1.000	0.33		67.0 #	20
Naphthalene qfi	1.000	0.30		70.0 #	20
Hexachlorobutadiene	2.132	1.624		23.8	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.292		9.6	30
Vinyl Chloride(sim)	1.180	1.197		-1.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS21162

Instrument: CHEM24 Calibration Date: 12/05/24 Time: 12:22

Lab File Id: 1205_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.939		11.3	30
Trichlorofluoromethane(sim)	2.932	2.872		2.0	30
1,2-Dichloroethane(sim)	1.590	1.622		-2.0	30
1,1,1-Trichloroethane(sim)	2.390	2.322		2.8	30
Benzene(sim)	3.031	2.465		18.7	30
Carbon Tetrachloride(sim)	2.578	2.606		-1.1	30
1,1-Dichloroethene(sim)	1.894	1.793		5.3	30
Trichlorotrifluoroethane(sim)	2.341	2.242		4.2	30
Trans-1,2-Dichloroethene(sim)	1.817	1.668		8.2	30
1,1-Dichloroethane(sim)	2.237	2.167		3.1	30
Cis-1,2-Dichloroethene(sim)	1.697	1.559		8.1	30
Chloroform(sim)	2.228	2.202		1.2	30
1,2-dichloropropane(sim)	0.455	0.452		0.7	30
Bromodichloromethane(sim)	0.716	0.723		-1.0	30
Trichloroethene(sim)	0.519	0.507		2.3	30
1,4-Dioxane(sim)	0.183	0.171		6.6	30
cis-1,3-Dichloropropene(sim)	0.549	0.519		5.5	30
1,1,2-Trichloroethane(sim)	0.426	0.398		6.6	30
Dibromochloromethane(sim)	0.904	0.910		-0.7	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.661		9.2	30
Tetrachloroethene(sim)	0.722	0.649		10.1	30
Bromoform(sim)	1.912	1.913		-0.1	30
m,p-Xylene(sim)	2.785	2.250		19.2	30
1,1,2,2-Tetrachloroethane(sim)	1.990	1.985		0.3	30
Benzyl chloride(sim) qfi	1.000	0.90		10.0	20
1,3-Dichlorobenzene(sim)	1.819	1.937		-6.5	30
1,4-Dichlorobenzene(sim)	1.446	1.434		0.8	30
sec-Butylbenzene(sim)	5.063	4.771		5.8	30
4-Isopropyltoluene(sim)	4.380	3.759		14.2	30
1,2-Dichlorobenzene(sim)	1.975	1.876		5.0	30
n-Butylbenzene(sim)	2.503	2.370		5.3	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.55		45.0 #	20
Hexachlorobutadiene(sim)	2.108	1.626		22.9	30
% Bromofluorobenzene	1.294	1.319		-1.9	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS21162

Instrument: CHEM24 Calibration Date: 12/06/24 Time: 09:17

Lab File Id: 1205_24.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.164		9.4	30
Heptane	0.716	0.789		-10.2	30
cis-1,3-Dichloropropene	0.519	0.480		7.5	30
4-Methyl-2-pentanone(MIBK)	0.917	1.016		-10.8	30
trans-1,3-Dichloropropene	0.423	0.364		13.9	30
1,1,2-Trichloroethane	0.414	0.391		5.6	30
Toluene	1.094	0.962		12.1	30
Dibromochloromethane	0.917	0.892		2.7	30
2-Hexanone(MBK)	0.787	0.796		-1.1	30
1,2-Dibromoethane(EDB)	0.720	0.668		7.2	30
Tetrachloroethene	0.676	0.635		6.1	30
1,1,1,2-Tetrachloroethane	1.299	1.366		-5.2	30
Chlorobenzene	2.128	2.095		1.6	30
Ethylbenzene	3.044	2.716		10.8	30
m,p-Xylene	2.287	1.746		23.7	30
Bromoform	1.951	1.884		3.4	30
Styrene	1.751	1.413		19.3	30
1,1,2,2-Tetrachloroethane	1.855	1.864		-0.5	30
o-Xylene	2.440	2.268		7.0	30
Isopropylbenzene	3.612	3.548		1.8	30
4-Ethyltoluene	3.459	3.165		8.5	30
1,3,5-Trimethylbenzene	2.974	2.771		6.8	30
1,2,4-Trimethylbenzene	3.007	2.590		13.9	30
Benzyl chloride qfi	1.000	0.56		44.0 #	20
1,3-Dichlorobenzene	2.067	1.813		12.3	30
1,4-Dichlorobenzene	1.700	1.402		17.5	30
sec-Butylbenzene	4.478	4.348		2.9	30
4-Isopropyltoluene	4.192	3.779		9.9	30
1,2-Dichlorobenzene	1.961	1.680		14.3	30
n-Butylbenzene	2.927	2.361		19.3	30
1,2,4-Trichlorobenzene qfi	1.000	0.31		69.0 #	20
Naphthalene qfi	1.000	0.29		71.0 #	20
Hexachlorobutadiene	2.132	1.675		21.4	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.424		4.3	30
Vinyl Chloride(sim)	1.180	1.218		-3.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS21162

Instrument: CHEM24 Calibration Date: 12/06/24 Time: 09:17

Lab File Id: 1205_24.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.984		7.1	30
Trichlorofluoromethane(sim)	2.932	2.892		1.4	30
1,2-Dichloroethane(sim)	1.590	1.614		-1.5	30
1,1,1-Trichloroethane(sim)	2.390	2.381		0.4	30
Benzene(sim)	3.031	2.447		19.3	30
Carbon Tetrachloride(sim)	2.578	2.637		-2.3	30
1,1-Dichloroethene(sim)	1.894	1.806		4.6	30
Trichlorotrifluoroethane(sim)	2.341	2.251		3.8	30
Trans-1,2-Dichloroethene(sim)	1.817	1.660		8.6	30
1,1-Dichloroethane(sim)	2.237	2.171		3.0	30
Cis-1,2-Dichloroethene(sim)	1.697	1.510		11.0	30
Chloroform(sim)	2.228	2.207		0.9	30
1,2-dichloropropane(sim)	0.455	0.456		-0.2	30
Bromodichloromethane(sim)	0.716	0.725		-1.3	30
Trichloroethene(sim)	0.519	0.517		0.4	30
1,4-Dioxane(sim)	0.183	0.164		10.4	30
cis-1,3-Dichloropropene(sim)	0.549	0.520		5.3	30
1,1,2-Trichloroethane(sim)	0.426	0.391		8.2	30
Dibromochloromethane(sim)	0.904	0.919		-1.7	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.666		8.5	30
Tetrachloroethene(sim)	0.722	0.667		7.6	30
Bromoform(sim)	1.912	1.921		-0.5	30
m,p-Xylene(sim)	2.785	2.182		21.7	30
1,1,2,2-Tetrachloroethane(sim)	1.990	1.978		0.6	30
Benzyl chloride(sim) qfi	1.000	0.89		11.0	20
1,3-Dichlorobenzene(sim)	1.819	1.940		-6.7	30
1,4-Dichlorobenzene(sim)	1.446	1.402		3.0	30
sec-Butylbenzene(sim)	5.063	4.779		5.6	30
4-Isopropyltoluene(sim)	4.380	3.779		13.7	30
1,2-Dichlorobenzene(sim)	1.975	1.891		4.3	30
n-Butylbenzene(sim)	2.503	2.361		5.7	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.53		47.0 #	20
Hexachlorobutadiene(sim)	2.108	1.675		20.5	30
% Bromofluorobenzene	1.294	1.292		0.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS21162

LCS - Client Id: CS20740 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		12.03	120	70	130
Dichlorodifluoromethane	10		10.68	107	70	130
Chloromethane	10		12.48	125	70	130
1,2-Dichlorotetrafluoroethane	10		11.16	112	70	130
Vinyl Chloride	10		11.37	114	70	130
1,3-Butadiene	10		11.97	120	70	130
Bromomethane	10		10.42	104	70	130
Chloroethane	10		10.88	109	70	130
Ethanol	6		7.476	125	70	130
Acetone	10		11.68	117	70	130
Trichlorofluoromethane	10		10.54	105	70	130
Isopropylalcohol	10		11.57	116	70	130
Acrylonitrile	10		10.86	109	70	130
1,1-Dichloroethene	10		11.19	112	70	130
Methylene Chloride	10		11.55	116	70	130
Carbon Disulfide	10		10.07	101	70	130
Trichlorotrifluoroethane	10		10.41	104	70	130
Trans-1,2-Dichloroethene	10		10.64	106	70	130
1,1-Dichloroethane	10		10.85	109	70	130
Methyl tert-butyl ether(MTBE)	10		10.38	104	70	130
Methyl Ethyl Ketone	10		12.11	121	70	130
Cis-1,2-Dichloroethene	10		10.61	106	70	130
Hexane	10		11.37	114	70	130
Chloroform	10		10.61	106	70	130
Ethyl acetate	10		13.61	136 *	70	130
Tetrahydrofuran	10		12.52	125	70	130
1,2-Dichloroethane	10		11.52	115	70	130
1,1,1-Trichloroethane	10		10.76	108	70	130
Benzene	10		10.08	101	70	130
Carbon Tetrachloride	10		11.13	111	70	130
Cyclohexane	10		9.596	96	70	130
1,2-dichloropropane	10		10.37	104	70	130
Bromodichloromethane	10		10.85	109	70	130
Trichloroethene	10		10.33	103	70	130
2,2,4-trimethylpentane	10		11.22	112	70	130
1,4-Dioxane	10		10.39	104	70	130
Heptane	10		12.33	123	70	130
cis-1,3-Dichloropropene	10		10.51	105	70	130
4-Methyl-2-pentanone(MIBK)	10		12.46	125	70	130
trans-1,3-Dichloropropene	10		10.23	102	70	130
1,1,2-Trichloroethane	10		9.987	100	70	130
Toluene	10		10.21	102	70	130
Dibromochloromethane	10		10.63	106	70	130
2-Hexanone(MBK)	10		12.96	130	70	130

FORM III AIR

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS21162

LCS - Client Id: CS20743 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.50	105	70	130
Dichlorodifluoromethane	10		10.46	105	70	130
Chloromethane	10		11.21	112	70	130
1,2-Dichlorotetrafluoroethane	10		10.62	106	70	130
Vinyl Chloride	10		10.74	107	70	130
1,3-Butadiene	10		10.68	107	70	130
Bromomethane	10		10.33	103	70	130
Chloroethane	10		10.57	106	70	130
Ethanol	6		8.850	148 *	70	130
Acetone	10		10.44	104	70	130
Trichlorofluoromethane	10		9.982	100	70	130
Isopropylalcohol	10		10.27	103	70	130
Acrylonitrile	10		10.55	106	70	130
1,1-Dichloroethene	10		10.54	105	70	130
Methylene Chloride	10		10.52	105	70	130
Carbon Disulfide	10		9.119	91	70	130
Trichlorotrifluoroethane	10		9.531	95	70	130
Trans-1,2-Dichloroethene	10		10.27	103	70	130
1,1-Dichloroethane	10		10.36	104	70	130
Methyl tert-butyl ether(MTBE)	10		10.62	106	70	130
Methyl Ethyl Ketone	10		11.06	111	70	130
Cis-1,2-Dichloroethene	10		10.39	104	70	130
Hexane	10		11.00	110	70	130
Chloroform	10		10.26	103	70	130
Ethyl acetate	10		12.99	130	70	130
Tetrahydrofuran	10		11.24	112	70	130
1,2-Dichloroethane	10		10.33	103	70	130
1,1,1-Trichloroethane	10		10.21	102	70	130
Benzene	10		10.41	104	70	130
Carbon Tetrachloride	10		10.16	102	70	130
Cyclohexane	10		9.385	94	70	130
1,2-dichloropropane	10		10.05	101	70	130
Bromodichloromethane	10		10.10	101	70	130
Trichloroethene	10		10.27	103	70	130
2,2,4-trimethylpentane	10		10.83	108	70	130
1,4-Dioxane	10		11.01	110	70	130
Heptane	10		11.28	113	70	130
cis-1,3-Dichloropropene	10		10.79	108	70	130
4-Methyl-2-pentanone(MIBK)	10		11.46	115	70	130
trans-1,3-Dichloropropene	10		10.59	106	70	130
1,1,2-Trichloroethane	10		10.22	102	70	130
Toluene	10		10.96	110	70	130
Dibromochloromethane	10		10.33	103	70	130
2-Hexanone(MBK)	10		12.24	122	70	130

FORM III AIR

Reviewer Comment: Due to opening and closing CCVs per batch 761314 had analytes Napthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	OA-1
SDG No.:	GCS21162	Lab Sample ID:	CS21162	
Canister:	227	Lab File ID:	1205_17.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/05/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.450		0.202	0.202	r
74-87-3	Chloromethane	0.589		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	2.56	S	0.531	0.531	r
67-64-1	Acetone	1.60	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.210		0.178	0.178	r
67-63-0	Isopropylalcohol	0.580	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Napthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS21162</u>	Lab Sample ID:	<u>CS21162</u>
Canister:	<u>227</u>	Lab File ID:	<u>1205_17.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/05/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.074		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-9 5X
SDG No.:	GCS21162	Lab Sample ID:	CS21163 5X	
Canister:	233	Lab File ID:	1205_12.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	Date Received:
Purge Volume	200 (cc)	Date Analyzed:	12/05/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	78.6 J	S	2.66	2.66	r
67-64-1	Acetone	31.1	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	159		0.891	0.891	r
67-63-0	Isopropylalcohol	133	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	6.14		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	4.50		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	5.41		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	5.10		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	27.5		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.22		1.15	1.15	r
179601-23-1	m,p-Xylene	4.16		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.43		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.10		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.43		1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761314 had analytes Napthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Ethyl acetate is qualified as estimate "J" value due to recovery above limits within laboratory control sample CS20740.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-15
SDG No.:	GCS21162	Lab Sample ID:	CS21164	
Canister:	28621	Lab File ID:	1205_18.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/05/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.463		0.202	0.202	r
74-87-3	Chloromethane	0.756		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	948	ES	0.531	0.531	r
67-64-1	Acetone	32.9	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.228		0.178	0.178	r
67-63-0	Isopropylalcohol	651	ES	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	2.72		0.339	0.339	r
110-54-3	Hexane	0.293	S	0.284	0.284	r
67-66-3	Chloroform	1.08		0.205	0.205	r
141-78-6	Ethyl acetate	0.705 J		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.313	U	0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.354		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.310		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS21162	Lab Sample ID:	CS21164
Canister:	28621	Lab File ID:	1205_18.D
Instrument:	CHEM24	Column:	RTX-1
Purge Volume	200	(cc)	
		Date Received:	12/05/24
		Date Analyzed:	12/06/24
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
56-23-5	Carbon Tetrachloride(sim)	0.077		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.155		0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS21162</u>	Lab Sample ID:	<u>CS21165 5X</u>
Canister:	<u>466</u>	Lab File ID:	<u>1205_13.D</u>
Instrument:	<u>CHEM39</u>	Column:	<u>TX-1 ; #10157</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/05/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/05/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	171	J S	2.66	2.66	r
67-64-1	Acetone	30.5	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	1.71		0.891	0.891	r
67-63-0	Isopropylalcohol	124	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	4.02		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	1.93		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	5.54		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	4.71		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	4.95		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.42		1.15	1.15	r
179601-23-1	m,p-Xylene	4.82		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.92		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.28		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.54		1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761314 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Ethyl acetate is qualified as estimate "J" value due to recovery above limits within laboratory control sample CS20740.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-3
SDG No.:	GCS21162	Lab Sample ID:	CS21166	
Canister:	17161	Lab File ID:	1205_19.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/05/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.505		0.202	0.202	r
74-87-3	Chloromethane	0.636		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	45.1	ES	0.531	0.531	r
67-64-1	Acetone	21.5	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.578		0.178	0.178	r
67-63-0	Isopropylalcohol	4.30	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.396		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.562 J		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	2.71		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200 UJ		0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS21162</u>	Lab Sample ID:	<u>CS21166</u>
Canister:	<u>17161</u>	Lab File ID:	<u>1205_19.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/05/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.076		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.167		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS21162</u>	Lab Sample ID:	<u>CS21167</u>
Canister:	<u>49256</u>	Lab File ID:	<u>1205_20.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/05/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/06/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.570		0.202	0.202	r
74-87-3	Chloromethane	0.601		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	30.8	S	0.531	0.531	r
67-64-1	Acetone	8.30	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	1.08		0.178	0.178	r
67-63-0	Isopropylalcohol	39.1	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.372		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.448		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS21162</u>	Lab Sample ID:	<u>CS21167</u>
Canister:	<u>49256</u>	Lab File ID:	<u>1205_20.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/05/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.079		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.132		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-3 5X
SDG No.:	GCS21162	Lab Sample ID:	CS21168 5X	
Canister:	49237	Lab File ID:	1205_14.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	Date Received:
				12/05/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	44.6 J	S	2.66	2.66	r
67-64-1	Acetone	23.9	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	30.0		0.891	0.891	r
67-63-0	Isopropylalcohol	28.5	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.86		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	5.23		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
79-01-6	Trichloroethene	2.77		0.185	0.185	r
540-84-1	2,2,4-trimethylpentane	4.86		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	6.36		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	31.1		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.66		1.15	1.15	r
179601-23-1	m,p-Xylene	6.02		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	2.57		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	2.39		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	2.96		1.02	1.02	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS21162	Lab Sample ID:	CS21169 5X
Canister:	7647	Lab File ID:	1205_15.D
Instrument:	CHEM39	Column:	TX-1 ; #10157
Purge Volume	200 (cc)	Date Received:	12/05/24
Matrix:	AIR	Date Analyzed:	12/06/24
		Dilution Factor:	5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	85.9	J S	2.66	2.66	r
67-64-1	Acetone	95.3	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	15.6		0.891	0.891	r
67-63-0	Isopropylalcohol	52.2	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	6.28		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	8.92		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	7.12		1.07	1.07	r
142-82-5	Heptane	1.53		1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	2.04		1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	7.56		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	60.8		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	2.65		1.15	1.15	r
179601-23-1	m,p-Xylene	9.93		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	4.06		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	4.11		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.40		1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	4.66		1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent



To: Todd Rollen
Labella Associates DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 04/28/2025

Site: Newton Plaza Associates, LLC- Data Usability Summary Report

The Following Items Are Being Transmitted:
Data Packages

Originals	Description of Materials	Electronic/ Hard Copy
1	GCS22164_NYSDEC_CatB_Package_Mini_Final Report.PDF	Electronic
1	GCS22164_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.146



Newton Plaza Associates, LLC- Data Usability Summary Report for December 4, 2024, 8 Hrs. Air Sample Collections

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GSC22164				Method
Lab ID	Field ID	Collection Date	Matrix (Collection Duration)	TO-15
CS22164	IA-2	12/4/2024	Air (8 hrs.)	x
CS22165	IA-17	12/4/2024	Air (8 hrs.)	x
CS22166	IA-10	12/4/2024	Air (8 hrs.)	x
CS22167	SS-10	12/4/2024	Air (8 hrs.)	x
CS22168	IA-23	12/5/2024	Air (8 hrs.)	x
CS22169	SS-23	12/5/2024	Air (8 hrs.)	x
CS22170	SS-23	12/4/2024	Air (8 hrs.)	x
CS22171	SS-12	12/5/2024	Air (8 hrs.)	x
CS22172	IA-19	12/5/2024	Air (8 hrs.)	x
CS22173	SS-17	12/4/2024	Air (8 hrs.)	x
CS22174	OA-3	12/5/2024	Air (8 hrs.)	x
CS22175	SS-22	12/5/2024	Air (8 hrs.)	x
CS22176	DUP-3	12/5/2024	Air (8 hrs.)	x

Samples were analyzed under:

- USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15*, SOP HW-31, Revised 6 (September 2016)
- USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.



Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues

Data validation was completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

- There was no rejection of data.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criteria for compliance with method TO-15.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

Note- Result were presented as in laboratory report Form1 as ppbv while shown in EDD as ug/m³. Both results are accurate and acceptable. Also note, while there are both target and SIM analytes, only one is noted in EDD, thus only one is qualified within document.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review TO-15

Job ID: GCS22164

Lab ID	Field ID	Collection Date	Matrix (Collection Duration)
CS22164	IA-2	12/4/2024	Air (8 hrs.)
CS22165	IA-17	12/4/2024	Air (8 hrs.)
CS22166	IA-10	12/4/2024	Air (8 hrs.)
CS22167	SS-10	12/4/2024	Air (8 hrs.)
CS22168	IA-23	12/5/2024	Air (8 hrs.)
CS22169	SS-23	12/5/2024	Air (8 hrs.)
CS22170	SS-23	12/4/2024	Air (8 hrs.)
CS22171	SS-12	12/5/2024	Air (8 hrs.)
CS22172	IA-19	12/5/2024	Air (8 hrs.)
CS22173	SS-17	12/4/2024	Air (8 hrs.)
CS22174	OA-3	12/5/2024	Air (8 hrs.)
CS22175	SS-22	12/5/2024	Air (8 hrs.)
CS22176	DUP-3	12/5/2024	Air (8 hrs.)

Reviewer Summary :

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds and SOP NO. HW-31.

- It is noted that several analytes recovery was outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.
- The opening and closing CCVs per batch 761314 had analytes Napthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Note, while additional analytes may have failed, not all analytes are present in samples.
- Within LCS sample CS20740, ethyl acetate had recovery above laboratory limit led to qualification in samples CS21164 and CS21166 as estimate "J" values. Within LCS sample CS20743, ethanol had recovery above laboratory limit led to qualification in all associated sample.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCS22164



TO-15

Criteria	Y	N	NA	Comment
A. Sample Integrity and Preservation				
Were samples within technical hold time and extraction period?	x			
Were preserved pressure difference between sampling and analysis ≤ 5 psi)	x			
Canister Cleaning results provided?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period	x			
C. Initial Calibration				
Was a 5 point calibration conducted?	x			It is noted that several analytes recovery was outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C? Was retention time within bounds?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			The opening and closing CCVs per batch 761495 add 761497 had analytes Napthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. See attachment.
Were Drift % and (RRF) within acceptable criteria?		x		

Criteria	Y	N	NA	Comment
E. Laboratory Blanks/ Air Canister Certification Results				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
Were method detection limits defined?	x			
Were Air Canister Certification Results present?	x			
Were contaminants detected, if so qualification may be necessary?		x		
F. Laboratory control sample				
Was LCS analysis for this SDG?	x			Within LCS sample CS22254, ethyl acetate had recovery above laboratory limit led to qualification in several samples as estimate "J" values. Within LCS sample CS21903, 1,4-dioxane had recovery below laboratory limit led to qualification in all associated sample as an estimate and no-detect estimate "J/UJ" values. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
G. Internal Standards				
Were Surrogates percent recovery (%R) within QC limits?	x			
Were retention times of analytes less than 20 sec difference between samples?	x			
H. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			

Criteria	Y	N	NA	Comment
I. Target Compound Identification				
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
J. Laboratory/Field Duplicate				
Were field duplicates identified in this SDG?	x			Laboratory duplicates were run within each batch, CS222254, CS21903 and CS21908 were all within parameters of laboratory comparison. Comparing duplicate pair SS-22 and DUP-3 samples results are within acceptable quantities. No further qualification is needed.
Were target compounds detected in it?	x			
K. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in criteria within continuous calibration and laboratory control sample. All results were within Cat. B criterion and usable.

Calculation Spot Check

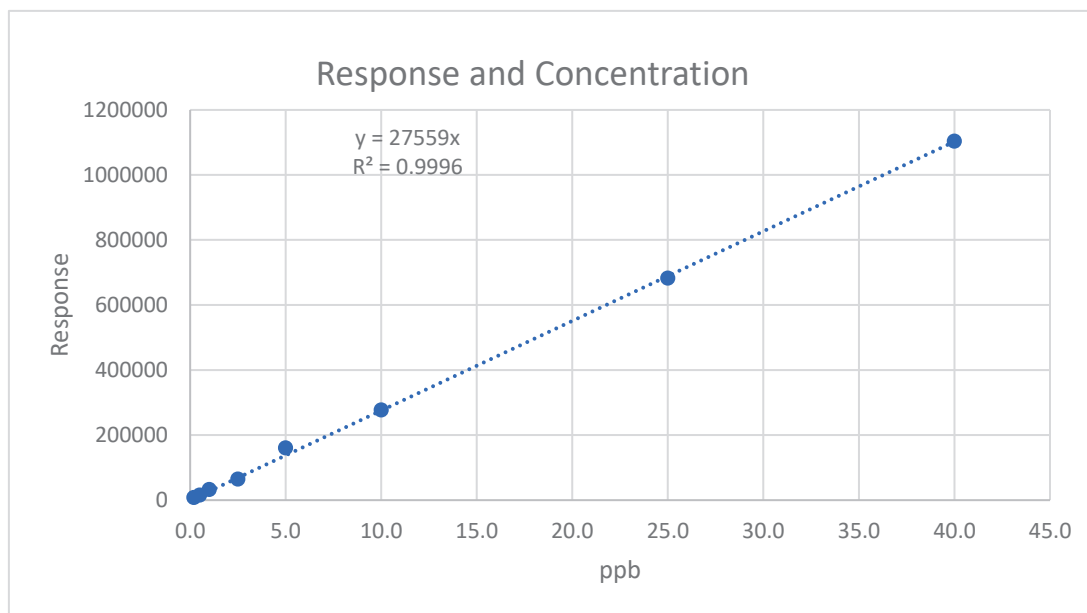
Instrument CHEM20

ICV Date 12/07/2024 03:56

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.267	8274	0.2
RRF7	0.975	15629	0.5
RRF8	0.854	32557	1.0
RRF9	0.802	64440	2.5
RRF10	0.934	160750	5.0
RRF11	0.756	276937	10.0
RRF12	0.735	682509	25.0
RRF13	0.694	1103314	40.0
average	0.877		
RSD	21.08		



Calculation Spot Check

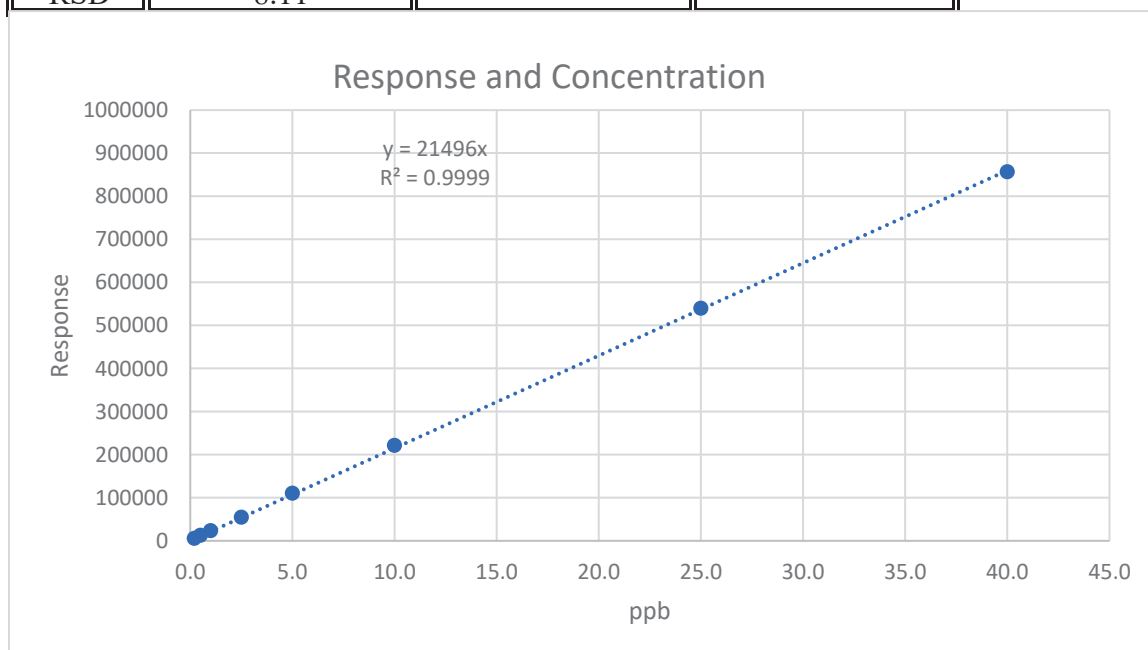
Instrumen CHEM24

ICV Date 10/18/2024 22:33

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.228	5541	0.2
RRF7	1.088	12420	0.5
RRF8	0.953	23224	1.0
RRF9	0.981	54360	2.5
RRF10	1.036	110086	5.0
RRF11	0.995	221166	10.0
RRF12	1.046	539551	25.0
RRF13	1.048	856502	40.0
average	1.047		
RSD	8.11		



Attachments for Method Review

7B
 AIR CONTINUING CALIBRATION CHECK
 Initial Cal as Continuing Cal

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS22164

Instrument: CHEM20 Calibration Date: 12/07/24 Time: 03:09

Lab File Id: 1206_15.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.179	0.163		8.9	30
Heptane	0.520	0.501		3.7	30
cis-1,3-Dichloropropene	0.498	0.451		9.4	30
4-Methyl-2-pentanone(MIBK)	0.772	0.709		8.2	30
trans-1,3-Dichloropropene	0.409	0.388		5.1	30
1,1,2-Trichloroethane	0.343	0.325		5.2	30
Toluene	0.958	0.900		6.1	30
Dibromochloromethane	0.714	0.630		11.8	30
2-Hexanone(MBK)	0.729	0.710		2.6	30
1,2-Dibromoethane(EDB)	0.583	0.544		6.7	30
Tetrachloroethene	0.630	0.577		8.4	30
1,1,1,2-Tetrachloroethane	0.933	0.954		-2.3	30
Chlorobenzene	1.478	1.509		-2.1	30
Ethylbenzene	2.324	2.474		-6.5	30
m,p-Xylene	1.759	1.551		11.8	30
Bromoform	1.438	1.491		-3.7	30
Styrene	1.373	1.535		-11.8	30
1,1,2,2-Tetrachloroethane	1.431	1.506		-5.2	30
o-Xylene	1.914	2.012		-5.1	30
Isopropylbenzene	2.704	2.965		-9.7	30
4-Ethyltoluene	2.666	2.826		-6.0	30
1,3,5-Trimethylbenzene	2.219	2.330		-5.0	30
1,2,4-Trimethylbenzene	2.435	2.348		3.6	30
Benzyl chloride	1.647	1.698		-3.1	30
1,3-Dichlorobenzene	1.746	1.936		-10.9	30
1,4-Dichlorobenzene	1.698	1.789		-5.4	30
sec-Butylbenzene	3.469	3.710		-6.9	30
4-Isopropyltoluene	3.160	3.333		-5.5	30
1,2-Dichlorobenzene	1.581	1.754		-10.9	30
n-Butylbenzene	2.658	2.950		-11.0	30
1,2,4-Trichlorobenzene	1.261	1.742		-38.1 #	30
Naphthalene	2.256	3.364		-49.1 #	30
Hexachlorobutadiene	1.810	2.129		-17.6	30
1,2-Dichlorotetrafluoroethane(sim)	4.124	3.441		16.6	30
Vinyl Chloride(sim)	1.502	1.274		15.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS22164

Instrument: CHEM20 Calibration Date: 12/07/24 Time: 21:50

Lab File Id: 1206_41.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.179	0.147		17.9	30
Heptane	0.520	0.491		5.6	30
cis-1,3-Dichloropropene	0.498	0.420		15.7	30
4-Methyl-2-pentanone(MIBK)	0.772	0.710		8.0	30
trans-1,3-Dichloropropene	0.409	0.349		14.7	30
1,1,2-Trichloroethane	0.343	0.310		9.6	30
Toluene	0.958	0.900		6.1	30
Dibromochloromethane	0.714	0.609		14.7	30
2-Hexanone(MBK)	0.729	0.639		12.3	30
1,2-Dibromoethane(EDB)	0.583	0.514		11.8	30
Tetrachloroethene	0.630	0.545		13.5	30
1,1,1,2-Tetrachloroethane	0.933	0.920		1.4	30
Chlorobenzene	1.478	1.520		-2.8	30
Ethylbenzene	2.324	2.318		0.3	30
m,p-Xylene	1.759	1.413		19.7	30
Bromoform	1.438	1.356		5.7	30
Styrene	1.373	1.317		4.1	30
1,1,2,2-Tetrachloroethane	1.431	1.401		2.1	30
o-Xylene	1.914	1.846		3.6	30
Isopropylbenzene	2.704	2.741		-1.4	30
4-Ethyltoluene	2.666	2.570		3.6	30
1,3,5-Trimethylbenzene	2.219	1.832		17.4	30
1,2,4-Trimethylbenzene	2.435	2.149		11.7	30
Benzyl chloride	1.647	1.292		21.6	30
1,3-Dichlorobenzene	1.746	1.687		3.4	30
1,4-Dichlorobenzene	1.698	1.603		5.6	30
sec-Butylbenzene	3.469	3.396		2.1	30
4-Isopropyltoluene	3.160	2.999		5.1	30
1,2-Dichlorobenzene	1.581	1.476		6.6	30
n-Butylbenzene	2.658	2.545		4.3	30
1,2,4-Trichlorobenzene	1.261	0.720		42.9 #	30
Naphthalene	2.256	1.197		46.9 #	30
Hexachlorobutadiene	1.810	1.482		18.1	30
1,2-Dichlorotetrafluoroethane(sim)	4.124	4.230		-2.6	30
Vinyl Chloride(sim)	1.502	1.581		-5.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS22164

Instrument: CHEM20 Calibration Date: 12/07/24 Time: 21:50

Lab File Id: 1206_41.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.644	1.539		6.4	30
Trichlorofluoromethane(sim)	5.019	5.574		-11.1	30
1,2-Dichloroethane(sim)	1.368	1.293		5.5	30
1,1,1-Trichloroethane(sim)	2.101	2.013		4.2	30
Benzene(sim)	2.795	2.269		18.8	30
Carbon Tetrachloride(sim)	2.156	2.160		-0.2	30
1,1-Dichloroethene(sim)	2.608	2.810		-7.7	30
Trichlorotrifluoroethane(sim)	3.458	3.890		-12.5	30
Trans-1,2-Dichloroethene(sim)	1.371	1.128		17.7	30
1,1-Dichloroethane(sim)	1.552	1.537		1.0	30
Cis-1,2-Dichloroethene(sim)	1.282	1.108		13.6	30
Chloroform(sim)	1.953	1.893		3.1	30
1,2-dichloropropane(sim)	0.323	0.312		3.4	30
Bromodichloromethane(sim)	0.612	0.559		8.7	30
Trichloroethene(sim)	0.470	0.418		11.1	30
1,4-Dioxane(sim)	0.163	0.147		9.8	30
cis-1,3-Dichloropropene(sim)	0.498	0.481		3.4	30
1,1,2-Trichloroethane(sim)	0.350	0.310		11.4	30
Dibromochloromethane(sim)	0.675	0.697		-3.3	30
1,2-Dibromoethane(EDB)(sim)	0.574	0.514		10.5	30
Tetrachloroethene(sim)	0.684	0.653		4.5	30
Bromoform(sim)	1.550	1.624		-4.8	30
m,p-Xylene(sim)	1.990	1.766		11.3	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.603		1.9	30
Benzyl chloride(sim)	1.500	1.292		13.9	30
1,3-Dichlorobenzene(sim)	2.314	2.066		10.7	30
1,4-Dichlorobenzene(sim)	1.626	1.603		1.4	30
sec-Butylbenzene(sim)	4.151	3.848		7.3	30
4-Isopropyltoluene(sim)	3.517	3.003		14.6	30
1,2-Dichlorobenzene(sim)	1.928	1.803		6.5	30
n-Butylbenzene(sim)	2.926	2.545		13.0	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.57		43.0 #	20
Hexachlorobutadiene(sim) qfi	1.000	0.73		27.0 #	20
% Bromofluorobenzene	1.177	1.290		-9.6	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS22164

LCS - Client Id: CS21903 LCS / ICV_CHEM 20_1206

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		9.069	91	70	130
Dichlorodifluoromethane	10		10.14	101	70	130
Chloromethane	10		9.575	96	70	130
1,2-Dichlorotetrafluoroethane	10		9.649	96	70	130
Vinyl Chloride	10		9.276	93	70	130
1,3-Butadiene	10		8.870	89	70	130
Bromomethane	10		9.100	91	70	130
Chloroethane	10		9.193	92	70	130
Ethanol	6		5.886	98	70	130
Acetone	10		9.032	90	70	130
Trichlorofluoromethane	10		9.735	97	70	130
Isopropylalcohol	10		8.816	88	70	130
Acrylonitrile	10		9.411	94	70	130
1,1-Dichloroethene	10		9.690	97	70	130
Methylene Chloride	10		8.857	89	70	130
Carbon Disulfide	10		9.195	92	70	130
Trichlorotrifluoroethane	10		9.665	97	70	130
Trans-1,2-Dichloroethene	10		10.11	101	70	130
1,1-Dichloroethane	10		10.12	101	70	130
Methyl tert-butyl ether(MTBE)	10		9.844	98	70	130
Methyl Ethyl Ketone	10		9.882	99	70	130
Cis-1,2-Dichloroethene	10		9.741	97	70	130
Hexane	10		10.26	103	70	130
Chloroform	10		10.27	103	70	130
Ethyl acetate	10		12.05	121	70	130
Tetrahydrofuran	10		9.807	98	70	130
1,2-Dichloroethane	10		10.40	104	70	130
1,1,1-Trichloroethane	10		10.56	106	70	130
Benzene	10		10.87	109	70	130
Carbon Tetrachloride	10		10.60	106	70	130
Cyclohexane	10		9.289	93	70	130
1,2-dichloropropane	10		10.29	103	70	130
Bromodichloromethane	10		10.39	104	70	130
Trichloroethene	10		10.33	103	70	130
2,2,4-trimethylpentane	10		9.634	96	70	130
1,4-Dioxane	10		6.245	62 *	70	130
Heptane	10		10.25	103	70	130
cis-1,3-Dichloropropene	10		10.35	104	70	130
4-Methyl-2-pentanone(MIBK)	10		8.286	83	70	130
trans-1,3-Dichloropropene	10		10.48	105	70	130
1,1,2-Trichloroethane	10		10.30	103	70	130
Toluene	10		10.45	105	70	130
Dibromochloromethane	10		10.94	109	70	130
2-Hexanone(MBK)	10		7.812	78	70	130

FORM III AIR

Reviewer Comment: Due to opening and closing CCVs per batch 761497 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified due to recovery below limits within laboratory control sample CS21903.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-10 5X
SDG No.:	GCS22164	Lab Sample ID:	CS22167 5X	
Canister:	49231	Lab File ID:	1206_28.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/06/24
Purge Volume	200 (cc)	Date Analyzed:	12/07/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	77.9	S	2.66	2.66	r
67-64-1	Acetone	36.7	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	12.7		0.891	0.891	r
67-63-0	Isopropylalcohol	147	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	5.36		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	4.48		1.39	1.39	r
109-99-9	Tetrahydrofuran	3.09		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	3.60		1.07	1.07	r
142-82-5	Heptane	1.80		1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	4.08		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.16		1.15	1.15	r
179601-23-1	m,p-Xylene	4.24		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.47		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.38		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.66		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SS-10 5X

SDG No.: GCS22164

Lab Sample ID: CS22167 5X

Canister: 49231

Lab File ID: 1206_28.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 12/06/24

Purge Volume 200 (cc)

Date Analyzed: 12/07/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.265		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.890		0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761497 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified due to recovery below limits within laboratory control sample CS21903.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-23 5X
SDG No.:	GCS22164	Lab Sample ID:	CS22169 5X	
Canister:	19385	Lab File ID:	1206_29.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/06/24
Purge Volume	200	(cc)		Date Analyzed:
				12/07/24
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	241	E	1.01	1.01	
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	91.3	S	2.66	2.66	r
67-64-1	Acetone	44.7	S	2.11	2.11	r
67-63-0	Isopropylalcohol	35.3	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	3.30		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	8.72		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.25		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	3.20		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	2.08		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
179601-23-1	m,p-Xylene	2.62		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.03		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.06		1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-23 5X
SDG No.:	GCS22164	Lab Sample ID:	CS22169 5X	
Canister:	19385	Lab File ID:	1206_29.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200	(cc)		Date Analyzed:
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761497 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified due to recovery below limits within laboratory control sample CS21903.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-2 5X
SDG No.:	GCS22164	Lab Sample ID:	CS22170 5X	
Canister:	28566	Lab File ID:	1206_30.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/06/24
Purge Volume	200 (cc)	Date Analyzed:	12/07/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	2.83		1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.185		0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.755		0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	UJ	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	UJ	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761497 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified due to recovery below limits within laboratory control sample CS21903.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SS-12 5X
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22171 5X</u>	
Canister:	<u>28590</u>	Lab File ID:	<u>1206_34.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received: <u>12/06/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/07/24</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>5</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	91.7	S	2.66	2.66	r
67-64-1	Acetone	62.6	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	4.79		0.891	0.891	r
67-63-0	Isopropylalcohol	42.2	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	6.70		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	16.0		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	2.12		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.48		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
179601-23-1	m,p-Xylene	2.28		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.18		1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-12 5X
SDG No.:	GCS22164	Lab Sample ID:	CS22171 5X	
Canister:	28590	Lab File ID:	1206_34.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200 (cc)	Date Analyzed:	12/07/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	UJ	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.235		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	UJ	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761497 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified due to recovery below limits within laboratory control sample CS21903.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-17 5X
SDG No.:	GCS22164	Lab Sample ID:	CS22173 5X	
Canister:	49257	Lab File ID:	1206_31.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/06/24
Purge Volume	200 (cc)	Date Analyzed:	12/07/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	116	S	2.66	2.66	r
67-64-1	Acetone	59.6	S	2.11	2.11	r
67-63-0	Isopropylalcohol	69.3	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	5.29		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	5.32		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.23		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.99		1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.93		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
541-73-1	1,3-Dichlorobenzene	2.68		0.832	0.832	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22173 5X</u>
Canister:	<u>49257</u>	Lab File ID:	<u>1206_31.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/07/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.595		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.29		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761497 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified due to recovery below limits within laboratory control sample CS21903.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22175 5X</u>
Canister:	<u>236</u>	Lab File ID:	<u>1206_32.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/07/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	2.82		1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	68.4	S	2.66	2.66	r
67-64-1	Acetone	77.2	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	16.0		0.891	0.891	r
67-63-0	Isopropylalcohol	34.4	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	4.00		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	2.60		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	11.4		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.19		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.48		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
179601-23-1	m,p-Xylene	3.40		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.41		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.83		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	2.34		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SS-22 5X

SDG No.: GCS22164

Lab Sample ID: CS22175 5X

Canister: 236

Lab File ID: 1206_32.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 12/06/24

Purge Volume 200 (cc)

Date Analyzed: 12/07/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.490		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22176 5X</u>
Canister:	<u>11285</u>	Lab File ID:	<u>1206_35.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/07/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	2.64		1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	65.4	S	2.66	2.66	r
67-64-1	Acetone	71.9	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	15.9		0.891	0.891	r
67-63-0	Isopropylalcohol	32.7	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	3.85		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	2.50		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	11.0		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.11		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.35		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
179601-23-1	m,p-Xylene	3.25		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.38		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.88		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	2.48		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	DUP-3 5X
SDG No.:	GCS22164	Lab Sample ID:	CS22176 5X	
Canister:	11285	Lab File ID:	1206_35.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200	(cc)		Date Analyzed:
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	UJ	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.430		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	UJ	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to %D results above laboratory limit analyte Naphthalene and 1,2,4-Trichlorobenzene(sim) are qualified as a non-detect estimate "UJ" values within all associated samples within batch 761495.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS22164

Instrument: CHEM24 Calibration Date: 12/06/24 Time: 13:52

Lab File Id: 1206_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.174		3.9	30
Heptane	0.716	0.783		-9.4	30
cis-1,3-Dichloropropene	0.519	0.471		9.2	30
4-Methyl-2-pentanone(MIBK)	0.917	1.040		-13.4	30
trans-1,3-Dichloropropene	0.423	0.374		11.6	30
1,1,2-Trichloroethane	0.414	0.390		5.8	30
Toluene	1.094	0.960		12.2	30
Dibromochloromethane	0.917	0.885		3.5	30
2-Hexanone(MBK)	0.787	0.812		-3.2	30
1,2-Dibromoethane(EDB)	0.720	0.667		7.4	30
Tetrachloroethene	0.676	0.629		7.0	30
1,1,1,2-Tetrachloroethane	1.299	1.405		-8.2	30
Chlorobenzene	2.128	2.122		0.3	30
Ethylbenzene	3.044	2.738		10.1	30
m,p-Xylene	2.287	1.777		22.3	30
Bromoform	1.951	2.020		-3.5	30
Styrene	1.751	1.499		14.4	30
1,1,2,2-Tetrachloroethane	1.855	1.941		-4.6	30
o-Xylene	2.440	2.355		3.5	30
Isopropylbenzene	3.612	3.604		0.2	30
4-Ethyltoluene	3.459	3.267		5.6	30
1,3,5-Trimethylbenzene	2.974	2.869		3.5	30
1,2,4-Trimethylbenzene	3.007	2.680		10.9	30
Benzyl chloride qfi	1.000	0.63		37.0 #	20
1,3-Dichlorobenzene	2.067	1.834		11.3	30
1,4-Dichlorobenzene	1.700	1.650		2.9	30
sec-Butylbenzene	4.478	4.375		2.3	30
4-Isopropyltoluene	4.192	4.020		4.1	30
1,2-Dichlorobenzene	1.961	1.744		11.1	30
n-Butylbenzene	2.927	2.539		13.3	30
1,2,4-Trichlorobenzene qfi	1.000	0.41		59.0 #	20
Naphthalene qfi	1.000	0.39		61.0 #	20
Hexachlorobutadiene	2.132	1.751		17.9	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.413		4.8	30
Vinyl Chloride(sim)	1.180	1.230		-4.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS22164

Instrument: CHEM24 Calibration Date: 12/06/24 Time: 13:52

Lab File Id: 1206_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.998		5.8	30
Trichlorofluoromethane(sim)	2.932	2.912		0.7	30
1,2-Dichloroethane(sim)	1.590	1.615		-1.6	30
1,1,1-Trichloroethane(sim)	2.390	2.367		1.0	30
Benzene(sim)	3.031	2.421		20.1	30
Carbon Tetrachloride(sim)	2.578	2.670		-3.6	30
1,1-Dichloroethene(sim)	1.894	1.806		4.6	30
Trichlorotrifluoroethane(sim)	2.341	2.259		3.5	30
Trans-1,2-Dichloroethene(sim)	1.817	1.690		7.0	30
1,1-Dichloroethane(sim)	2.237	2.156		3.6	30
Cis-1,2-Dichloroethene(sim)	1.697	1.516		10.7	30
Chloroform(sim)	2.228	2.181		2.1	30
1,2-dichloropropane(sim)	0.455	0.449		1.3	30
Bromodichloromethane(sim)	0.716	0.721		-0.7	30
Trichloroethene(sim)	0.519	0.511		1.5	30
1,4-Dioxane(sim)	0.183	0.174		4.9	30
cis-1,3-Dichloropropene(sim)	0.549	0.518		5.6	30
1,1,2-Trichloroethane(sim)	0.426	0.390		8.5	30
Dibromochloromethane(sim)	0.904	0.927		-2.5	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.667		8.4	30
Tetrachloroethene(sim)	0.722	0.656		9.1	30
Bromoform(sim)	1.912	2.027		-6.0	30
m,p-Xylene(sim)	2.785	2.221		20.3	30
1,1,2,2-Tetrachloroethane(sim)	1.990	2.031		-2.1	30
Benzyl chloride(sim) qfi	1.000	0.99		1.0	20
1,3-Dichlorobenzene(sim)	1.819	2.093		-15.1	30
1,4-Dichlorobenzene(sim)	1.446	1.650		-14.1	30
sec-Butylbenzene(sim)	5.063	4.963		2.0	30
4-Isopropyltoluene(sim)	4.380	4.020		8.2	30
1,2-Dichlorobenzene(sim)	1.975	2.026		-2.6	30
n-Butylbenzene(sim)	2.503	2.539		-1.4	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.62		38.0 #	20
Hexachlorobutadiene(sim)	2.108	1.751		16.9	30
% Bromofluorobenzene	1.294	1.310		-1.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS22164

Instrument: CHEM24 Calibration Date: 12/07/24 Time: 12:55

Lab File Id: 1206_37.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.158		12.7	30
Heptane	0.716	0.763		-6.6	30
cis-1,3-Dichloropropene	0.519	0.470		9.4	30
4-Methyl-2-pentanone(MIBK)	0.917	1.015		-10.7	30
trans-1,3-Dichloropropene	0.423	0.366		13.5	30
1,1,2-Trichloroethane	0.414	0.390		5.8	30
Toluene	1.094	0.945		13.6	30
Dibromochloromethane	0.917	0.922		-0.5	30
2-Hexanone(MBK)	0.787	0.811		-3.0	30
1,2-Dibromoethane(EDB)	0.720	0.678		5.8	30
Tetrachloroethene	0.676	0.636		5.9	30
1,1,1,2-Tetrachloroethane	1.299	1.441		-10.9	30
Chlorobenzene	2.128	2.191		-3.0	30
Ethylbenzene	3.044	2.711		10.9	30
m,p-Xylene	2.287	1.730		24.4	30
Bromoform	1.951	2.045		-4.8	30
Styrene	1.751	1.475		15.8	30
1,1,2,2-Tetrachloroethane	1.855	1.954		-5.3	30
o-Xylene	2.440	2.330		4.5	30
Isopropylbenzene	3.612	3.593		0.5	30
4-Ethyltoluene	3.459	3.155		8.8	30
1,3,5-Trimethylbenzene	2.974	2.860		3.8	30
1,2,4-Trimethylbenzene	3.007	2.642		12.1	30
Benzyl chloride qfi	1.000	0.61		39.0 #	20
1,3-Dichlorobenzene	2.067	1.892		8.5	30
1,4-Dichlorobenzene	1.700	1.424		16.2	30
sec-Butylbenzene	4.478	4.382		2.1	30
4-Isopropyltoluene	4.192	3.864		7.8	30
1,2-Dichlorobenzene	1.961	1.765		10.0	30
n-Butylbenzene	2.927	2.415		17.5	30
1,2,4-Trichlorobenzene qfi	1.000	0.37		63.0 #	20
Naphthalene qfi	1.000	0.34		66.0 #	20
Hexachlorobutadiene	2.132	1.758		17.5	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.455		3.1	30
Vinyl Chloride(sim)	1.180	1.204		-2.0	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS22164

Instrument: CHEM24 Calibration Date: 12/07/24 Time: 12:55

Lab File Id: 1206_37.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.953		10.0	30
Trichlorofluoromethane(sim)	2.932	2.889		1.5	30
1,2-Dichloroethane(sim)	1.590	1.565		1.6	30
1,1,1-Trichloroethane(sim)	2.390	2.362		1.2	30
Benzene(sim)	3.031	2.317		23.6	30
Carbon Tetrachloride(sim)	2.578	2.668		-3.5	30
1,1-Dichloroethene(sim)	1.894	1.696		10.5	30
Trichlorotrifluoroethane(sim)	2.341	2.245		4.1	30
Trans-1,2-Dichloroethene(sim)	1.817	1.645		9.5	30
1,1-Dichloroethane(sim)	2.237	2.137		4.5	30
Cis-1,2-Dichloroethene(sim)	1.697	1.457		14.1	30
Chloroform(sim)	2.228	2.185		1.9	30
1,2-dichloropropane(sim)	0.455	0.450		1.1	30
Bromodichloromethane(sim)	0.716	0.736		-2.8	30
Trichloroethene(sim)	0.519	0.516		0.6	30
1,4-Dioxane(sim)	0.183	0.158		13.7	30
cis-1,3-Dichloropropene(sim)	0.549	0.512		6.7	30
1,1,2-Trichloroethane(sim)	0.426	0.390		8.5	30
Dibromochloromethane(sim)	0.904	0.944		-4.4	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.678		6.9	30
Tetrachloroethene(sim)	0.722	0.665		7.9	30
Bromoform(sim)	1.912	2.046		-7.0	30
m,p-Xylene(sim)	2.785	2.162		22.4	30
1,1,2,2-Tetrachloroethane(sim)	1.990	2.045		-2.8	30
Benzyl chloride(sim) qfi	1.000	0.95		5.0	20
1,3-Dichlorobenzene(sim)	1.819	2.080		-14.3	30
1,4-Dichlorobenzene(sim)	1.446	1.424		1.5	30
sec-Butylbenzene(sim)	5.063	4.914		2.9	30
4-Isopropyltoluene(sim)	4.380	3.864		11.8	30
1,2-Dichlorobenzene(sim)	1.975	2.011		-1.8	30
n-Butylbenzene(sim)	2.503	2.415		3.5	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.58		42.0 #	20
Hexachlorobutadiene(sim)	2.108	1.769		16.1	30
% Bromofluorobenzene	1.294	1.314		-1.5	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS22164

LCS - Client Id: CS22254 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		11.85	119	70	130
Dichlorodifluoromethane	10		10.50	105	70	130
Chloromethane	10		12.36	124	70	130
1,2-Dichlorotetrafluoroethane	10		11.08	111	70	130
Vinyl Chloride	10		11.03	110	70	130
1,3-Butadiene	10		11.84	118	70	130
Bromomethane	10		10.19	102	70	130
Chloroethane	10		10.52	105	70	130
Ethanol	6		7.673	128	70	130
Acetone	10		11.46	115	70	130
Trichlorofluoromethane	10		10.27	103	70	130
Isopropylalcohol	10		11.23	112	70	130
Acrylonitrile	10		10.79	108	70	130
1,1-Dichloroethene	10		10.97	110	70	130
Methylene Chloride	10		11.28	113	70	130
Carbon Disulfide	10		9.900	99	70	130
Trichlorotrifluoroethane	10		10.14	101	70	130
Trans-1,2-Dichloroethene	10		10.44	104	70	130
1,1-Dichloroethane	10		10.51	105	70	130
Methyl tert-butyl ether(MTBE)	10		10.11	101	70	130
Methyl Ethyl Ketone	10		11.86	119	70	130
Cis-1,2-Dichloroethene	10		10.53	105	70	130
Hexane	10		11.20	112	70	130
Chloroform	10		10.50	105	70	130
Ethyl acetate	10		13.24	132 *	70	130
Tetrahydrofuran	10		12.25	123	70	130
1,2-Dichloroethane	10		11.36	114	70	130
1,1,1-Trichloroethane	10		10.70	107	70	130
Benzene	10		9.841	98	70	130
Carbon Tetrachloride	10		10.96	110	70	130
Cyclohexane	10		9.426	94	70	130
1,2-dichloropropane	10		10.36	104	70	130
Bromodichloromethane	10		10.81	108	70	130
Trichloroethene	10		10.33	103	70	130
2,2,4-trimethylpentane	10		11.11	111	70	130
1,4-Dioxane	10		10.45	105	70	130
Heptane	10		12.25	123	70	130
cis-1,3-Dichloropropene	10		10.57	106	70	130
4-Methyl-2-pentanone(MIBK)	10		12.48	125	70	130
trans-1,3-Dichloropropene	10		10.25	103	70	130
1,1,2-Trichloroethane	10		10.07	101	70	130
Toluene	10		10.29	103	70	130
Dibromochloromethane	10		10.77	108	70	130
2-Hexanone(MBK)	10		12.83	128	70	130

FORM III AIR

Reviewer Comment: Due to opening and closing CCVs per batch 761495 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Ethyl acetate is qualified due to recovery above limits within laboratory control sample CS22254.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-2
SDG No.:	GCS22164	Lab Sample ID:	CS22164	
Canister:	28605	Lab File ID:	1206_12.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/06/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	5.92		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.452		0.202	0.202	r
74-87-3	Chloromethane	0.629		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	77.2	ES	0.531	0.531	r
67-64-1	Acetone	4.83	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	1.71		0.178	0.178	r
67-63-0	Isopropylalcohol	2.53	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
67-66-3	Chloroform	0.418		0.205	0.205	r
141-78-6	Ethyl acetate	0.397	J	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.501		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	2.48		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.764		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.271		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.684		0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS22164	Lab Sample ID:	CS22164
Canister:	28605	Lab File ID:	1206_12.D
Instrument:	CHEM24	Column:	RTX-1
Purge Volume	200	(cc)	12/06/24
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.086		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.059		0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22165</u>
Canister:	<u>7635</u>	Lab File ID:	<u>1206_13.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/06/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.479		0.202	0.202	r
74-87-3	Chloromethane	0.691		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	139	ES	0.531	0.531	r
67-64-1	Acetone	6.11	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.254		0.178	0.178	r
67-63-0	Isopropylalcohol	9.38	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
79-01-6	Trichloroethene	0.310		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22165</u>
Canister:	<u>7635</u>	Lab File ID:	<u>1206_13.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/06/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.079		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.166		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761495 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Ethyl acetate is qualified due to recovery above limits within laboratory control sample CS22254.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-10
SDG No.:	GCS22164	Lab Sample ID:	CS22166	
Canister:	28586	Lab File ID:	1206_14.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/06/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.436		0.202	0.202	r
74-87-3	Chloromethane	0.620		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	425	ES	0.531	0.531	r
67-64-1	Acetone	529	ES	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.538		0.178	0.178	r
67-63-0	Isopropylalcohol	406	ES	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	2.25		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
67-66-3	Chloroform	0.271		0.205	0.205	r
141-78-6	Ethyl acetate	23.2	J	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	1.28		0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.349		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	1.60		0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22166</u>
Canister:	<u>28586</u>	Lab File ID:	<u>1206_14.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/06/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.079		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761495 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Ethyl acetate is qualified due to recovery above limits within laboratory control sample CS22254.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-23
SDG No.:	GCS22164	Lab Sample ID:	CS22168	
Canister:	28583	Lab File ID:	1206_15.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/06/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	3.79		0.202	0.202	r
74-87-3	Chloromethane	0.709		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	185	ES	0.531	0.531	r
67-64-1	Acetone	26.9	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.501		0.178	0.178	r
67-63-0	Isopropylalcohol	54.1	ES	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.364		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	1.03	J	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	1.29		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS22164	Lab Sample ID:	CS22168
Canister:	28583	Lab File ID:	1206_15.D
Instrument:	CHEM24	Column:	RTX-1
Purge Volume	200 (cc)	Date Received:	12/06/24
Matrix:	AIR	Date Analyzed:	12/06/24
		Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.081		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch 761495 had analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Ethyl acetate is qualified due to recovery above limits within laboratory control sample CS22254.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-19
SDG No.:	GCS22164	Lab Sample ID:	CS22172	
Canister:	5578	Lab File ID:	1206_16.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/06/24
Purge Volume	200 (cc)	Date Analyzed:	12/06/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.989		0.202	0.202	r
74-87-3	Chloromethane	0.616		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	314	ES	0.531	0.531	r
67-64-1	Acetone	13.0	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.444		0.178	0.178	r
67-63-0	Isopropylalcohol	728	ES	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.342	J	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.269		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22172</u>
Canister:	<u>5578</u>	Lab File ID:	<u>1206_16.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/06/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.076		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.057		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	OA-3
SDG No.:	GCS22164	Lab Sample ID:	CS22174	
Canister:	19859	Lab File ID:	1206_17.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
Purge Volume	200	(cc)		Date Analyzed:
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.467		0.202	0.202	r
74-87-3	Chloromethane	0.620		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	59.0	ES	0.531	0.531	r
67-64-1	Acetone	1.80	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.208		0.178	0.178	r
67-63-0	Isopropylalcohol	1.28	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS22164</u>	Lab Sample ID:	<u>CS22174</u>
Canister:	<u>19859</u>	Lab File ID:	<u>1206_17.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
		Date Received:	<u>12/06/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/06/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.077		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent



To: Todd Rollen
Labella Associates DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 04/28/2025

Site: Newton Plaza Associates, LLC- Data Usability Summary Report

The Following Items Are Being Transmitted:
Data Packages

Originals	Description of Materials	Electronic/ Hard Copy
1	GCS23184_NYSDEC_CatB_Package_Mini_Final Report.PDF	Electronic
1	GCS23184_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.146



Newton Plaza Associates, LLC- Data Usability Summary Report for December 4, 2024, 8 Hrs. Air Sample Collections

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GSC23184				Method
Lab ID	Field ID	Collection Date	Matrix (Collection Duration)	TO-15
CS23184	IA-11	12/4/2024	Air (8 hrs.)	x
CS23185	IA-6	12/4/2024	Air (8 hrs.)	x
CS23186	IA-22	12/5/2024	Air (8 hrs.)	x
CS23187	SS-5	12/4/2024	Air (8 hrs.)	x
CS23188	IA-4	12/5/2024	Air (8 hrs.)	x
CS23189	IA-16	12/4/2024	Air (8 hrs.)	x
CS23190	IA-5	12/4/2024	Air (8 hrs.)	x
CS23191	SS-16	12/4/2024	Air (8 hrs.)	x
CS23192	SS-11	12/4/2024	Air (8 hrs.)	x
CS23193	SS-6	12/4/2024	Air (8 hrs.)	x
CS23194	DUP-5	12/5/2024	Air (8 hrs.)	x
CS23195	SS-18	12/5/2024	Air (8 hrs.)	x
CS23196	DUP-4	12/5/2024	Air (8 hrs.)	x
CS23197	SS-19	12/5/2024	Air (8 hrs.)	x
CS23198	DUP-2	12/4/2024	Air (8 hrs.)	x
CS23199	SS-4	12/4/2024	Air (8 hrs.)	x

Samples were analyzed under:

- USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15*, SOP HW-31, Revised 6 (September 2016)
- USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)



Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues

Data validation was completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

- There was no rejection of data.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criteria for compliance with method TO-15.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

Note- Result were presented as in laboratory report Form1 as ppbv while shown in EDD as ug/m³. Both results are accurate and acceptable. Also note, while there are both target and SIM analytes, only one is noted in EDD, thus only one is qualified within document.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review TO-15

Job ID: GCS23184

Lab ID	Field ID	Collection Date	Matrix (Collection Duration)
CS23184	IA-11	12/4/2024	Air (8 hrs.)
CS23185	IA-6	12/4/2024	Air (8 hrs.)
CS23186	IA-22	12/5/2024	Air (8 hrs.)
CS23187	SS-5	12/4/2024	Air (8 hrs.)
CS23188	IA-4	12/5/2024	Air (8 hrs.)
CS23189	IA-16	12/4/2024	Air (8 hrs.)
CS23190	IA-5	12/4/2024	Air (8 hrs.)
CS23191	SS-16	12/4/2024	Air (8 hrs.)
CS23192	SS-11	12/4/2024	Air (8 hrs.)
CS23193	SS-6	12/4/2024	Air (8 hrs.)
CS23194	DUP-5	12/5/2024	Air (8 hrs.)
CS23195	SS-18	12/5/2024	Air (8 hrs.)
CS23196	DUP-4	12/5/2024	Air (8 hrs.)
CS23197	SS-19	12/5/2024	Air (8 hrs.)
CS23198	DUP-2	12/4/2024	Air (8 hrs.)
CS23199	SS-4	12/4/2024	Air (8 hrs.)

Reviewer Summary :

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds and SOP NO. HW-31.

- Samples CS23291, CS23198 and CS23199 were received under no vacuum thus samples may not be representative of results stated by lab.
- It is noted that several analytes recovery was outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.
- The opening and closing CCVs per batch 761314 had analytes naphthalene and 1,2,4-trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. Note, while additional analytes may have failed, not all analytes are present in samples.
- Within LCS sample CS20740, ethyl acetate had recovery above laboratory limit led to qualification in samples CS21164 and CS21166 as estimate "J" values. Within LCS sample CS20743, ethanol had recovery above laboratory limit led to qualification in all associated sample.
- Laboratory duplicates were run within each batch, CS21908 and CS22739 were all within parameters of laboratory comparison. Duplicate pair SS-18 and DUP-5 samples results are within acceptable quantities. No further qualification is needed.

(continue to nest page)

- Duplicate pair SS-4 and DUP-2 samples results are not within acceptable quantities. As note previously samples had no vacuumed when arriving to laboratory leading to questionable results. As such detected target with RPD greater than 50% than be qualified as estimate "J" values. Duplicate pair SS-19 and DUP-4 samples results are within acceptable quantities except for ethanol which requires estimates "J" value.
All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCS23184



TO-15

Criteria	Y	N	NA	Comment
A. Sample Integrity and Preservation				
Were samples within technical hold time and extraction period?	x			Samples CS23291, CS23198 and CS23199 were received under no vacuum thus samples may not be representative of results stated by lab.
Were preserved pressure difference between sampling and analysis ≤ 5psi)	x			
Canister Cleaning results provided?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period	x			
C. Initial Calibration				
Was a 5 point calibration conducted?	x			It is noted that several analytes recovery were outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes did the I.C. meet the curve fit acceptability of ≥0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C? Was retention time within bounds?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			The opening and closing CCVs per batch 761314 had analytes naphthalene and 1,2,4-trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. See attachment.
Were Drift % and (RRF) within acceptable criteria?		x		

Criteria	Y	N	NA	Comment
E. Laboratory Blanks/ Air Canister Certification Results				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
Were method detection limits defined?	x			
Were Air Canister Certification Results present?	x			
Were contaminants detected, if so qualification may be necessary?		x		
F. Laboratory control sample				
Was LCS analysis for this SDG?	x			Within LCS sample CS20740, ethyl acetate had recovery above laboratory limit led to qualification in samples CS21164 and CS21166 as estimate "J" values. Within LCS sample CS20743, ethanol had recovery above laboratory limit led to qualification in all associated sample. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
G. Internal Standards				
Were Surrogates percent recovery (%R) within QC limits?	x			
Were retention times of analytes less than 20 sec difference between samples?	x			
H. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			

Criteria	Y	N	NA	Comment
I. Target Compound Identification				
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
J. Laboratory/Field Duplicate				
Were field duplicates identified in this SDG?		x		Laboratory duplicates were run within each batch, CS21908 and CS22739 were all within parameters of laboratory comparison. Duplicate pair SS-18 and DUP-5 samples results are within acceptable quantities. No further qualification is needed. Duplicate pair SS-4 and DUP-2 samples results are not within acceptable quantities. As note previously samples had no vacuumed when arriving to laboratory leading to questionable results. As such detected target with RPD greater than 50% than be qualified as estimate "J" values. Duplicate pair SS-19 and DUP-4 samples results are within acceptable quantities except for ethanol which requires estimates "J" value.
Were target compounds detected in it?			x	
K. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in criteria within continuous calibration and laboratory control sample. Qualification also occurred due to RPD of laboratory duplicates being greater than 50%. All results were within Cat. B criterion and usable.

Calculation Spot Check

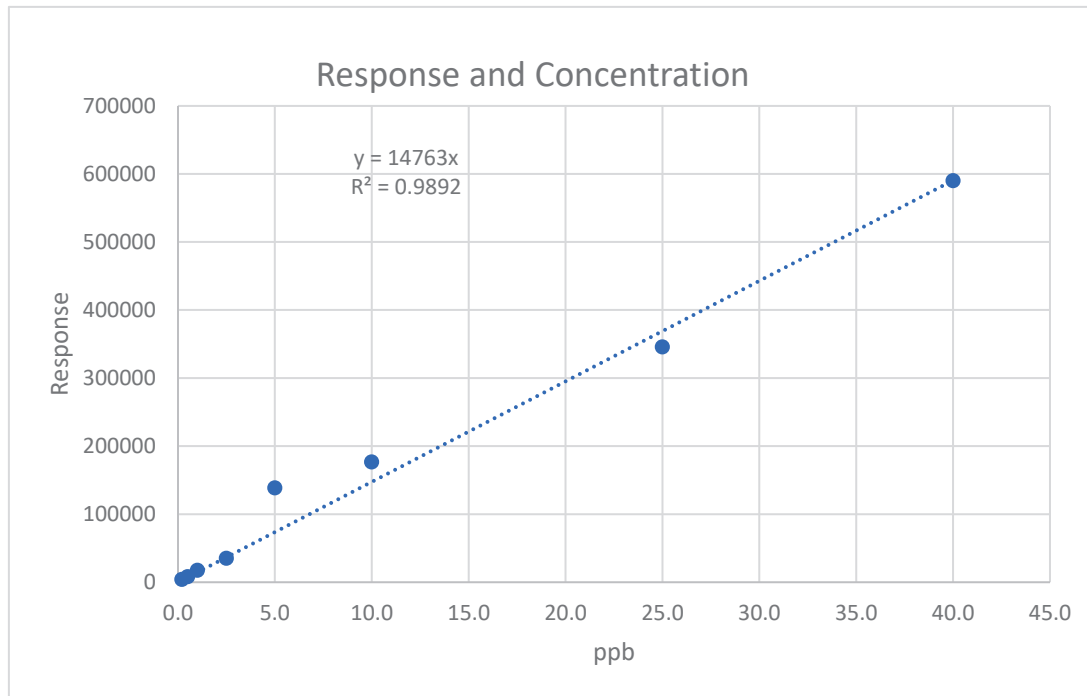
Instrument CHEM20

ICV Date 12/07/2024 05:23

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.016	4204	0.2
RRF7	0.819	8010	0.5
RRF8	0.787	17412	1.0
RRF9	0.705	35206	2.5
RRF10	0.627	138634	5.0
RRF11	0.661	176615	10.0
RRF12	0.616	345670	25.0
RRF13	0.595	589817	40.0
average	0.728		
RSD	19.43		



Calculation Spot Check

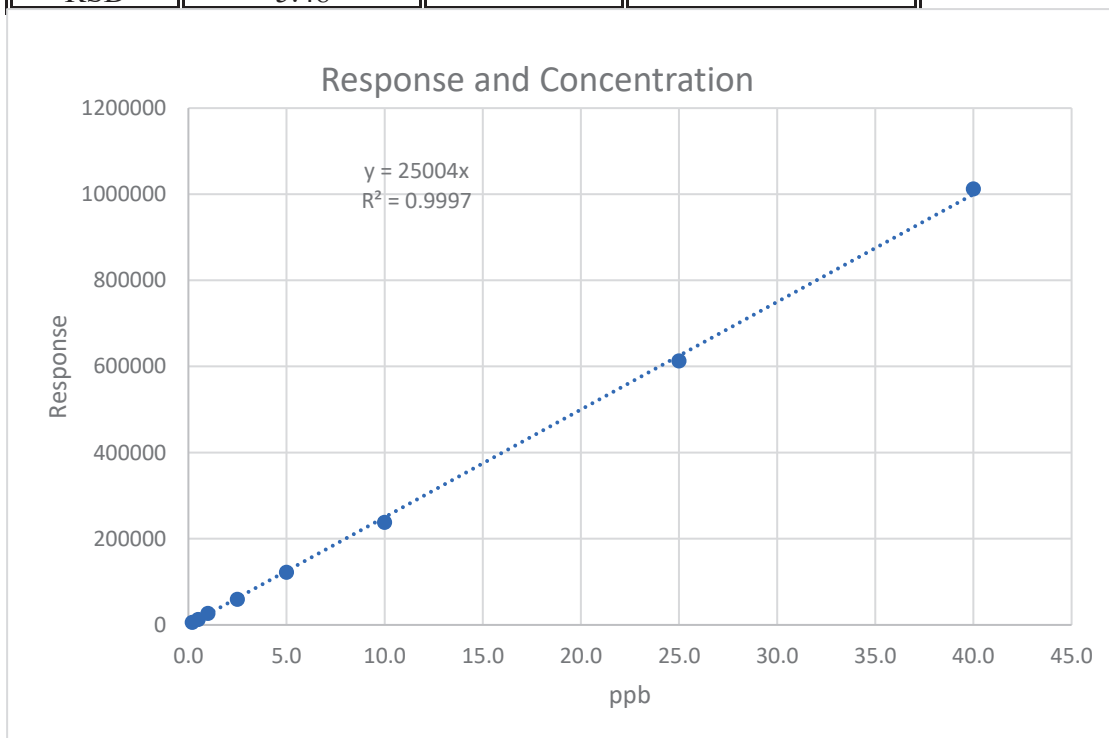
Instrument CHEM39

ICV Date 11/19/2024 01:03

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.825	5382	0.2
RRF7	1.653	12299	0.5
RRF8	1.750	26223	1.0
RRF9	1.587	59095	2.5
RRF10	1.594	121865	5.0
RRF11	1.581	237802	10.0
RRF12	1.588	612393	25.0
RRF13	1.622	1011739	40.0
average	1.650		
RSD	5.48		



Blind Duplicate

	Original Sample	Blind Duplicate	Relative Percent Difference
Compounds	SS-18	DUP-5	
Toluene	7.16	5.27	30.41
Tetrahydrofuran	15.2	14.9	1.99
Tetrachloroethene	2.54	2.44	4.02
m,p-Xylene	7.64	5.99	24.21
Ethanol	166	150	10.13
Isopropylalcohol	143	135	5.76
Acetone	64.8	62.4	3.77
Methyl Ethyl Ketone	8.78	8.11	7.93
1,2,4-Trimethylbenzene	8.3	5.9	33.80

Reviewer comment: Comparing duplicate pair SS-18 and DUP-5 samples results are within acceptable quantities. No further qualification is needed.

	Original Sample	Blind Duplicate	Relative Percent Difference
Compounds	SS-4	DUP-2	
Toluene	9.04	-	na
Tetrachloroethene	300	117	87.77
m,p-Xylene	8.42	-	na
Isooctane	6.48	-	na
Ethanol	89.4	103	14.14
Isopropylalcohol	77.9	25.5	101.35
Acetone	38	24.2	44.37
Trichlorofluoromethane	60.6	21.2	96.33
Trichloroethene	14.7	5.34	93.41

Reviewer comment: Comparing duplicate pair SS-4 and DUP-2 samples results are not within acceptable quantities. As note previously samples had no vacuumed when arriving to laboratory leading to questionable results. As such detected target with RPD greater than 50% than be qualified as

	Original Sample	Blind Duplicate	Relative Percent Difference
Compounds	SS-19	DUP-4	
Toluene	-	5.16	na
Tetrahydrofuran	12.2	12.3	0.82
Tetrachloroethene	2.41	2.27	5.98
m,p-Xylene	6.16	5.9	4.31
Ethanol	41.6	131	103.59
Isopropylalcohol	44	43	2.30
Acetone	61.5	62	0.81
Dichlorodifluoromethane	7.36	6.97	5.44
Methyl Ethyl Ketone	6.22	6.54	5.02
1,2,4-Trimethylbenzene	5.9	5.75	2.58

Reviewer comment: Comparing duplicate pair SS-19 and DUP-4 samples results are within acceptable quantities except for ethanol which requires estimates "J" value.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS23184

Instrument: CHEM20 Calibration Date: 12/09/24 Time: 07:22

Lab File Id: 1209_02.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.179	0.148		17.3	30
Heptane	0.520	0.484		6.9	30
cis-1,3-Dichloropropene	0.498	0.409		17.9	30
4-Methyl-2-pentanone(MIBK)	0.772	0.725		6.1	30
trans-1,3-Dichloropropene	0.409	0.346		15.4	30
1,1,2-Trichloroethane	0.343	0.314		8.5	30
Toluene	0.958	0.892		6.9	30
Dibromochloromethane	0.714	0.613		14.1	30
2-Hexanone(MBK)	0.729	0.646		11.4	30
1,2-Dibromoethane(EDB)	0.583	0.521		10.6	30
Tetrachloroethene	0.630	0.548		13.0	30
1,1,1,2-Tetrachloroethane	0.933	0.921		1.3	30
Chlorobenzene	1.478	1.585		-7.2	30
Ethylbenzene	2.324	2.315		0.4	30
m,p-Xylene	1.759	1.466		16.7	30
Bromoform	1.438	1.385		3.7	30
Styrene	1.373	1.343		2.2	30
1,1,2,2-Tetrachloroethane	1.431	1.445		-1.0	30
o-Xylene	1.914	1.872		2.2	30
Isopropylbenzene	2.704	2.735		-1.1	30
4-Ethyltoluene	2.666	2.862		-7.4	30
1,3,5-Trimethylbenzene	2.219	2.009		9.5	30
1,2,4-Trimethylbenzene	2.435	2.174		10.7	30
Benzyl chloride	1.647	1.279		22.3	30
1,3-Dichlorobenzene	1.746	1.652		5.4	30
1,4-Dichlorobenzene	1.698	1.689		0.5	30
sec-Butylbenzene	3.469	3.536		-1.9	30
4-Isopropyltoluene	3.160	3.091		2.2	30
1,2-Dichlorobenzene	1.581	1.555		1.6	30
n-Butylbenzene	2.658	2.570		3.3	30
1,2,4-Trichlorobenzene	1.261	0.823		34.7 #	30
Naphthalene	2.256	1.386		38.6 #	30
Hexachlorobutadiene	1.810	1.609		11.1	30
1,2-Dichlorotetrafluoroethane(sim)	4.124	4.280		-3.8	30
Vinyl Chloride(sim)	1.502	1.566		-4.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS23184

Instrument: CHEM20 Calibration Date: 12/09/24 Time: 07:22

Lab File Id: 1209_02.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.644	1.573		4.3	30
Trichlorofluoromethane(sim)	5.019	5.515		-9.9	30
1,2-Dichloroethane(sim)	1.368	1.230		10.1	30
1,1,1-Trichloroethane(sim)	2.101	2.002		4.7	30
Benzene(sim)	2.795	2.350		15.9	30
Carbon Tetrachloride(sim)	2.156	2.100		2.6	30
1,1-Dichloroethene(sim)	2.608	2.651		-1.6	30
Trichlorotrifluoroethane(sim)	3.458	3.847		-11.2	30
Trans-1,2-Dichloroethene(sim)	1.371	1.193		13.0	30
1,1-Dichloroethane(sim)	1.552	1.534		1.2	30
Cis-1,2-Dichloroethene(sim)	1.282	1.167		9.0	30
Chloroform(sim)	1.953	1.925		1.4	30
1,2-dichloropropane(sim)	0.323	0.311		3.7	30
Bromodichloromethane(sim)	0.612	0.583		4.7	30
Trichloroethene(sim)	0.470	0.417		11.3	30
1,4-Dioxane(sim)	0.163	0.148		9.2	30
cis-1,3-Dichloropropene(sim)	0.498	0.477		4.2	30
1,1,2-Trichloroethane(sim)	0.350	0.314		10.3	30
Dibromochloromethane(sim)	0.675	0.685		-1.5	30
1,2-Dibromoethane(EDB)(sim)	0.574	0.522		9.1	30
Tetrachloroethene(sim)	0.684	0.649		5.1	30
Bromoform(sim)	1.550	1.629		-5.1	30
m,p-Xylene(sim)	1.990	1.849		7.1	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.624		0.6	30
Benzyl chloride(sim)	1.500	1.279		14.7	30
1,3-Dichlorobenzene(sim)	2.314	2.051		11.4	30
1,4-Dichlorobenzene(sim)	1.626	1.687		-3.8	30
sec-Butylbenzene(sim)	4.151	3.935		5.2	30
4-Isopropyltoluene(sim)	3.517	3.093		12.1	30
1,2-Dichlorobenzene(sim)	1.928	1.831		5.0	30
n-Butylbenzene(sim)	2.926	2.570		12.2	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.60		40.0 #	20
Hexachlorobutadiene(sim) qfi	1.000	0.78		22.0 #	20
% Bromofluorobenzene	1.177	1.306		-11.0	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS23184

Instrument: CHEM20 Calibration Date: 12/10/24 Time: 03:39

Lab File Id: 1209_38.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.179	0.136		24.0	30
Heptane	0.520	0.477		8.3	30
cis-1,3-Dichloropropene	0.498	0.420		15.7	30
4-Methyl-2-pentanone(MIBK)	0.772	0.716		7.3	30
trans-1,3-Dichloropropene	0.409	0.346		15.4	30
1,1,2-Trichloroethane	0.343	0.295		14.0	30
Toluene	0.958	0.838		12.5	30
Dibromochloromethane	0.714	0.609		14.7	30
2-Hexanone(MBK)	0.729	0.652		10.6	30
1,2-Dibromoethane(EDB)	0.583	0.532		8.7	30
Tetrachloroethene	0.630	0.558		11.4	30
1,1,1,2-Tetrachloroethane	0.933	0.928		0.5	30
Chlorobenzene	1.478	1.608		-8.8	30
Ethylbenzene	2.324	2.343		-0.8	30
m,p-Xylene	1.759	1.460		17.0	30
Bromoform	1.438	1.428		0.7	30
Styrene	1.373	1.363		0.7	30
1,1,2,2-Tetrachloroethane	1.431	1.492		-4.3	30
o-Xylene	1.914	1.903		0.6	30
Isopropylbenzene	2.704	2.843		-5.1	30
4-Ethyltoluene	2.666	2.769		-3.9	30
1,3,5-Trimethylbenzene	2.219	1.911		13.9	30
1,2,4-Trimethylbenzene	2.435	2.115		13.1	30
Benzyl chloride	1.647	1.290		21.7	30
1,3-Dichlorobenzene	1.746	1.748		-0.1	30
1,4-Dichlorobenzene	1.698	1.606		5.4	30
sec-Butylbenzene	3.469	3.486		-0.5	30
4-Isopropyltoluene	3.160	3.036		3.9	30
1,2-Dichlorobenzene	1.581	1.542		2.5	30
n-Butylbenzene	2.658	2.521		5.2	30
1,2,4-Trichlorobenzene	1.261	0.797		36.8 #	30
Naphthalene	2.256	1.214		46.2 #	30
Hexachlorobutadiene	1.810	1.615		10.8	30
1,2-Dichlorotetrafluoroethane(sim)	4.124	4.331		-5.0	30
Vinyl Chloride(sim)	1.502	1.624		-8.1	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS23184

Instrument: CHEM20 Calibration Date: 12/10/24 Time: 03:39

Lab File Id: 1209_38.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.644	1.560		5.1	30
Trichlorofluoromethane(sim)	5.019	5.703		-13.6	30
1,2-Dichloroethane(sim)	1.368	1.248		8.8	30
1,1,1-Trichloroethane(sim)	2.101	1.941		7.6	30
Benzene(sim)	2.795	2.222		20.5	30
Carbon Tetrachloride(sim)	2.156	2.117		1.8	30
1,1-Dichloroethene(sim)	2.608	2.799		-7.3	30
Trichlorotrifluoroethane(sim)	3.458	3.981		-15.1	30
Trans-1,2-Dichloroethene(sim)	1.371	1.099		19.8	30
1,1-Dichloroethane(sim)	1.552	1.493		3.8	30
Cis-1,2-Dichloroethene(sim)	1.282	1.052		17.9	30
Chloroform(sim)	1.953	1.857		4.9	30
1,2-dichloropropane(sim)	0.323	0.309		4.3	30
Bromodichloromethane(sim)	0.612	0.560		8.5	30
Trichloroethene(sim)	0.470	0.424		9.8	30
1,4-Dioxane(sim)	0.163	0.136		16.6	30
cis-1,3-Dichloropropene(sim)	0.498	0.470		5.6	30
1,1,2-Trichloroethane(sim)	0.350	0.295		15.7	30
Dibromochloromethane(sim)	0.675	0.699		-3.6	30
1,2-Dibromoethane(EDB)(sim)	0.574	0.532		7.3	30
Tetrachloroethene(sim)	0.684	0.653		4.5	30
Bromoform(sim)	1.550	1.718		-10.8	30
m,p-Xylene(sim)	1.990	1.825		8.3	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.641		-0.4	30
Benzyl chloride(sim)	1.500	1.290		14.0	30
1,3-Dichlorobenzene(sim)	2.314	2.128		8.0	30
1,4-Dichlorobenzene(sim)	1.626	1.606		1.2	30
sec-Butylbenzene(sim)	4.151	3.874		6.7	30
4-Isopropyltoluene(sim)	3.517	3.036		13.7	30
1,2-Dichlorobenzene(sim)	1.928	1.857		3.7	30
n-Butylbenzene(sim)	2.926	2.521		13.8	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.59		41.0 #	20
Hexachlorobutadiene(sim) qfi	1.000	0.78		22.0 #	20
% Bromofluorobenzene	1.177	1.307		-11.0	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS23184

Instrument: CHEM39 Calibration Date: 12/09/24 Time: 14:16

Lab File Id: 1209_02.D Init. Calib. Date(s): 11/18/24 11/19/24

Heated Purge (Y/N): Y Init. Calib. Times: 17:57 01:03

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1118.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	1.650	1.867		-13.2	30
Dichlorodifluoromethane	3.102	3.035		2.2	30
Chloromethane	1.973	2.291		-16.1	30
1,2-Dichlorotetrafluoroethane	2.904	2.910		-0.2	30
Vinyl Chloride	1.436	1.397		2.7	30
1,3-Butadiene	1.570	1.702		-8.4	30
Bromomethane	0.984	0.989		-0.5	30
Chloroethane	0.554	0.607		-9.6	30
Ethanol	0.837	1.011		-20.8	30
Acetone	3.418	4.835		-41.5 #	30
Trichlorofluoromethane	3.271	3.093		5.4	30
Isopropylalcohol	3.888	4.182		-7.6	30
Acrylonitrile	1.561	1.670		-7.0	30
1,1-Dichloroethene	2.565	2.562		0.1	30
Methylene Chloride	2.714	2.968		-9.4	30
Carbon Disulfide	3.078	3.055		0.7	30
Trichlorotrifluoroethane	2.518	2.260		10.2	30
Trans-1,2-Dichloroethene	2.414	2.365		2.0	30
1,1-Dichloroethane	2.725	2.713		0.4	30
Methyl tert-butyl ether(MTBE)	2.636	2.322		11.9	30
Methyl Ethyl Ketone	4.331	4.656		-7.5	30
Cis-1,2-Dichloroethene	2.268	2.201		3.0	30
Hexane	2.856	2.564		10.2	30
Chloroform	2.390	2.421		-1.3	30
Ethyl acetate	0.591	0.590		0.2	30
Tetrahydrofuran	2.024	1.963		3.0	30
1,2-Dichloroethane	2.191	2.122		3.1	30
1,1,1-Trichloroethane	2.455	2.355		4.1	30
Benzene	3.230	3.391		-5.0	30
Carbon Tetrachloride	2.846	2.795		1.8	30
Cyclohexane	1.253	1.181		5.7	30
1,2-dichloropropane	0.547	0.569		-4.0	30
Bromodichloromethane	0.737	0.733		0.5	30
Trichloroethene	0.452	0.434		4.0	30
2,2,4-trimethylpentane	2.587	2.502		3.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

Reviewer Comment: Due to %D results above laboratory limit Naphthalene, Hexachlorobutadiene and 1,2,4-Trichlorobenzene(sim) are qualified as a non-detect estimate "UJ" value within associated samples of batch CS22739.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS23184

Instrument: CHEM39 Calibration Date: 12/10/24 Time: 10:01

Lab File Id: 1209_27.D Init. Calib. Date(s): 11/18/24 11/19/24

Heated Purge (Y/N): Y Init. Calib. Times: 17:57 01:03

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1118.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.188	0.163		13.3	30
Heptane	1.101	1.085		1.5	30
cis-1,3-Dichloropropene	0.571	0.549		3.9	30
4-Methyl-2-pentanone(MIBK)	1.405	1.431		-1.9	30
trans-1,3-Dichloropropene	0.454	0.408		10.1	30
1,1,2-Trichloroethane	0.413	0.402		2.7	30
Toluene	1.145	1.035		9.6	30
Dibromochloromethane	0.850	0.852		-0.2	30
2-Hexanone(MBK)	1.263	1.317		-4.3	30
1,2-Dibromoethane(EDB)	0.719	0.675		6.1	30
Tetrachloroethene	0.629	0.578		8.1	30
1,1,1,2-Tetrachloroethane	1.064	1.187		-11.6	30
Chlorobenzene	1.752	1.936		-10.5	30
Ethylbenzene	2.682	2.493		7.0	30
m,p-Xylene	2.093	1.693		19.1	30
Bromoform	1.729	1.830		-5.8	30
Styrene	1.578	1.437		8.9	30
1,1,2,2-Tetrachloroethane	1.782	1.932		-8.4	30
o-Xylene	2.239	2.164		3.3	30
Isopropylbenzene	3.212	3.327		-3.6	30
4-Ethyltoluene	3.224	3.127		3.0	30
1,3,5-Trimethylbenzene	2.685	2.620		2.4	30
1,2,4-Trimethylbenzene	2.697	2.546		5.6	30
Benzyl chloride	2.353	2.269		3.6	30
1,3-Dichlorobenzene	2.007	2.031		-1.2	30
1,4-Dichlorobenzene	1.953	1.901		2.7	30
sec-Butylbenzene	3.995	4.112		-2.9	30
4-Isopropyltoluene	3.670	3.658		0.3	30
1,2-Dichlorobenzene	1.887	1.848		2.1	30
n-Butylbenzene	3.359	3.222		4.1	30
1,2,4-Trichlorobenzene	1.456	0.979		32.8 #	30
Naphthalene	2.890	1.789		38.1 #	30
Hexachlorobutadiene	1.552	1.244		19.8	30
1,2-Dichlorotetrafluoroethane(sim)	2.689	2.647		1.6	30
Vinyl Chloride(sim)	1.417	1.404		0.9	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS23184

Instrument: CHEM39 Calibration Date: 12/10/24 Time: 10:01

Lab File Id: 1209_27.D Init. Calib. Date(s): 11/18/24 11/19/24

Heated Purge (Y/N): Y Init. Calib. Times: 17:57 01:03

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1118.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	0.934	0.929		0.5	30
Trichlorofluoromethane(sim)	3.210	3.072		4.3	30
1,2-Dichloroethane(sim)	2.049	1.972		3.8	30
1,1,1-Trichloroethane(sim)	2.459	2.364		3.9	30
Benzene(sim)	3.078	2.705		12.1	30
Carbon Tetrachloride(sim)	2.749	2.680		2.5	30
1,1-Dichloroethene(sim)	2.462	2.281		7.4	30
Trichlorotrifluoroethane(sim)	2.490	2.428		2.5	30
Trans-1,2-Dichloroethene(sim)	2.267	1.965		13.3	30
1,1-Dichloroethane(sim)	2.709	2.602		3.9	30
Cis-1,2-Dichloroethene(sim)	2.100	1.832		12.8	30
Chloroform(sim)	2.614	2.325		11.1	30
1,2-dichloropropane(sim)	0.623	0.599		3.9	30
Bromodichloromethane(sim)	0.803	0.771		4.0	30
Trichloroethene(sim)	0.532	0.500		6.0	30
1,4-Dioxane(sim)	0.197	0.163		17.3	30
cis-1,3-Dichloropropene(sim)	0.606	0.603		0.5	30
1,1,2-Trichloroethane(sim)	0.454	0.402		11.5	30
Dibromochloromethane(sim)	0.942	0.935		0.7	30
1,2-Dibromoethane(EDB)(sim)	0.726	0.675		7.0	30
Tetrachloroethene(sim)	0.714	0.658		7.8	30
Bromoform(sim)	1.967	2.004		-1.9	30
m,p-Xylene(sim)	2.211	2.116		4.3	30
1,1,2,2-Tetrachloroethane(sim)	2.049	2.119		-3.4	30
Benzyl chloride(sim)	2.135	2.269		-6.3	30
1,3-Dichlorobenzene(sim)	2.374	2.459		-3.6	30
1,4-Dichlorobenzene(sim)	1.955	1.901		2.8	30
sec-Butylbenzene(sim)	2.542	2.821		-11.0	30
4-Isopropyltoluene(sim)	3.492	3.658		-4.8	30
1,2-Dichlorobenzene(sim)	2.207	2.188		0.9	30
n-Butylbenzene(sim)	3.087	3.222		-4.4	30
1,2,4-Trichlorobenzene(sim)	1.446	1.163		19.6	30
Hexachlorobutadiene(sim)	1.785	1.244		30.3 #	30
% Bromofluorobenzene	1.447	1.386		4.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS23184

LCS - Client Id: CS21908 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		8.209	82	70	130
Dichlorodifluoromethane	10		9.550	96	70	130
Chloromethane	10		11.20	112	70	130
1,2-Dichlorotetrafluoroethane	10		11.31	113	70	130
Vinyl Chloride	10		11.04	110	70	130
1,3-Butadiene	10		10.41	104	70	130
Bromomethane	10		10.65	107	70	130
Chloroethane	10		10.81	108	70	130
Ethanol	6		6.778	113	70	130
Acetone	10		10.49	105	70	130
Trichlorofluoromethane	10		11.27	113	70	130
Isopropylalcohol	10		10.60	106	70	130
Acrylonitrile	10		10.89	109	70	130
1,1-Dichloroethene	10		11.42	114	70	130
Methylene Chloride	10		10.77	108	70	130
Carbon Disulfide	10		10.82	108	70	130
Trichlorotrifluoroethane	10		11.51	115	70	130
Trans-1,2-Dichloroethene	10		9.351	94	70	130
1,1-Dichloroethane	10		9.488	95	70	130
Methyl tert-butyl ether(MTBE)	10		9.179	92	70	130
Methyl Ethyl Ketone	10		9.358	94	70	130
Cis-1,2-Dichloroethene	10		10.40	104	70	130
Hexane	10		9.813	98	70	130
Chloroform	10		9.733	97	70	130
Ethyl acetate	10		11.16	112	70	130
Tetrahydrofuran	10		9.378	94	70	130
1,2-Dichloroethane	10		9.596	96	70	130
1,1,1-Trichloroethane	10		9.720	97	70	130
Benzene	10		9.184	92	70	130
Carbon Tetrachloride	10		9.915	99	70	130
Cyclohexane	10		9.428	94	70	130
1,2-dichloropropane	10		9.901	99	70	130
Bromodichloromethane	10		10.07	101	70	130
Trichloroethene	10		10.52	105	70	130
2,2,4-trimethylpentane	10		9.789	98	70	130
1,4-Dioxane	10		6.171	62 *	70	130
Heptane	10		10.36	104	70	130
cis-1,3-Dichloropropene	10		10.18	102	70	130
4-Methyl-2-pentanone(MIBK)	10		8.369	84	70	130
trans-1,3-Dichloropropene	10		10.00	100	70	130
1,1,2-Trichloroethane	10		10.17	102	70	130
Toluene	10		10.35	104	70	130
Dibromochloromethane	10		10.66	107	70	130
2-Hexanone(MBK)	10		7.748	77	70	130

FORM III AIR

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA
 Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS23184
 LCS - Client Id: CS22739 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.91	109	70	130
Dichlorodifluoromethane	10		10.38	104	70	130
Chloromethane	10		11.36	114	70	130
1,2-Dichlorotetrafluoroethane	10		10.68	107	70	130
Vinyl Chloride	10		10.91	109	70	130
1,3-Butadiene	10		10.90	109	70	130
Bromomethane	10		10.41	104	70	130
Chloroethane	10		10.47	105	70	130
Ethanol	6		8.972	150 *	70	130
Acetone	10		10.79	108	70	130
Trichlorofluoromethane	10		9.847	98	70	130
Isopropylalcohol	10		10.60	106	70	130
Acrylonitrile	10		10.84	108	70	130
1,1-Dichloroethene	10		10.54	105	70	130
Methylene Chloride	10		10.88	109	70	130
Carbon Disulfide	10		9.295	93	70	130
Trichlorotrifluoroethane	10		9.658	97	70	130
Trans-1,2-Dichloroethene	10		10.45	105	70	130
1,1-Dichloroethane	10		10.57	106	70	130
Methyl tert-butyl ether(MTBE)	10		10.92	109	70	130
Methyl Ethyl Ketone	10		11.30	113	70	130
Cis-1,2-Dichloroethene	10		10.44	104	70	130
Hexane	10		11.24	112	70	130
Chloroform	10		10.30	103	70	130
Ethyl acetate	10		12.51	125	70	130
Tetrahydrofuran	10		11.76	118	70	130
1,2-Dichloroethane	10		10.32	103	70	130
1,1,1-Trichloroethane	10		10.31	103	70	130
Benzene	10		10.72	107	70	130
Carbon Tetrachloride	10		10.04	100	70	130
Cyclohexane	10		9.677	97	70	130
1,2-dichloropropane	10		10.41	104	70	130
Bromodichloromethane	10		10.17	102	70	130
Trichloroethene	10		10.27	103	70	130
2,2,4-trimethylpentane	10		10.92	109	70	130
1,4-Dioxane	10		10.98	110	70	130
Heptane	10		11.49	115	70	130
cis-1,3-Dichloropropene	10		10.93	109	70	130
4-Methyl-2-pentanone(MIBK)	10		11.66	117	70	130
trans-1,3-Dichloropropene	10		10.76	108	70	130
1,1,2-Trichloroethane	10		10.23	102	70	130
Toluene	10		10.99	110	70	130
Dibromochloromethane	10		10.48	105	70	130
2-Hexanone(MBK)	10		12.34	123	70	130

FORM III AIR

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	IA-11
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23184</u>	
Canister:	<u>49259</u>	Lab File ID:	<u>1209_28.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>12/09/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/09/24</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.434		0.202	0.202	r
74-87-3	Chloromethane	0.516		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	319	ES	0.531	0.531	r
67-64-1	Acetone	18.1	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.300		0.178	0.178	r
67-63-0	Isopropylalcohol	10.8	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.817		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.370		0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.476		0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.507		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23184</u>
Canister:	<u>49259</u>	Lab File ID:	<u>1209_28.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
		Date Received:	<u>12/09/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.078		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	UJ	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.292		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-22
SDG No.:	GCS23184	Lab Sample ID:	CS23186	
Canister:	49239	Lab File ID:	1209_30.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/09/24
Purge Volume	200 (cc)	Date Analyzed:	12/09/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.786		0.202	0.202	r
74-87-3	Chloromethane	0.691		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	253	ES	0.531	0.531	r
67-64-1	Acetone	8.35	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.922		0.178	0.178	r
67-63-0	Isopropylalcohol	50.7	ES	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.374		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
67-66-3	Chloroform	0.612		0.205	0.205	r
141-78-6	Ethyl acetate	0.835		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.313	U	0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.458		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23186</u>
Canister:	<u>49239</u>	Lab File ID:	<u>1209_30.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/09/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
56-23-5	Carbon Tetrachloride(sim)	0.075		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.175		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS22739 having analytes Acetone, Naphthalene, Hexachlorobutadiene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as estimate or non-detect estimate "J/UJ" values. Ethanol is qualified as estimate "J" value due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-5 5X
SDG No.:	GCS23184	Lab Sample ID:	CS23187 5X	
Canister:	19632	Lab File ID:	1209_15.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	
Purge Volume	200 (cc)	Date Received:	12/09/24	
Matrix:	AIR	Date Analyzed:	12/09/24	
		Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	82.6	S	J 2.66	2.66	r
67-64-1	Acetone	14.4	S	J 2.11	2.11	r
75-69-4	Trichlorofluoromethane	6.76		0.891	0.891	r
67-63-0	Isopropylalcohol	17.5	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.71		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	4.99		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.75		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.04		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	22.5		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23187 5X</u>
Canister:	<u>19632</u>	Lab File ID:	<u>1209_15.D</u>
Instrument:	<u>CHEM39</u>	Column:	<u>TX-1 ; #10157</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/09/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.260		0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.91		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U J	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-4
SDG No.:	GCS23184	Lab Sample ID:	CS23188	
Canister:	21318	Lab File ID:	1209_31.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/09/24
Purge Volume	200 (cc)	Date Analyzed:	12/09/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.345		0.202	0.202	r
74-87-3	Chloromethane	0.594		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	110	ES	0.531	0.531	r
67-64-1	Acetone	6.87	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.543		0.178	0.178	r
67-63-0	Isopropylalcohol	5.84	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.442		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.439		0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.222		0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.588		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23188</u>
Canister:	<u>21318</u>	Lab File ID:	<u>1209_31.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/09/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.069		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.070		0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	UJ	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.098		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-16
SDG No.:	GCS23184	Lab Sample ID:	CS23189	
Canister:	7641	Lab File ID:	1209_32.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/09/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.366		0.202	0.202	r
74-87-3	Chloromethane	0.532		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	147	ES	0.531	0.531	r
67-64-1	Acetone	3.52	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.369		0.178	0.178	r
67-63-0	Isopropylalcohol	2.75	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

IA-16

SDG No.: GCS23184

Lab Sample ID: CS23189

Canister: 7641

Lab File ID: 1209_32.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 12/09/24

Purge Volume 200 (cc)

Date Analyzed: 12/10/24

Matrix: AIR

Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.071		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-5
SDG No.:	GCS23184	Lab Sample ID:	CS23190	
Canister:	49204	Lab File ID:	1209_33.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/09/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.396		0.202	0.202	r
74-87-3	Chloromethane	0.540		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	611	ES	0.531	0.531	r
67-64-1	Acetone	16.3	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	1.28		0.178	0.178	r
67-63-0	Isopropylalcohol	43.4	ES	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.535		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.305		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.438		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23190</u>
Canister:	<u>49204</u>	Lab File ID:	<u>1209_33.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.067		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.122		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SS-16 5X
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23191 5X</u>	
Canister:	<u>19844</u>	Lab File ID:	<u>1209_34.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>12/09/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/10/24</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>5</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	93.3	S	2.66	2.66	r
67-64-1	Acetone	10.6	S	2.11	2.11	r
67-63-0	Isopropylalcohol	16.2	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	20.8		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	3.34		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
79-01-6	Trichloroethene	2.25		0.185	0.185	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SS-16 5X

SDG No.: GCS23184

Lab Sample ID: CS23191 5X

Canister: 19844

Lab File ID: 1209_34.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 12/09/24

Purge Volume 200 (cc)

Date Analyzed: 12/10/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.470		0.252	0.252	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.400		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	SS-11 5X
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23192 5X</u>	
Canister:	<u>49201</u>	Lab File ID:	<u>1209_35.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>12/09/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/10/24</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>5</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	114		1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	237	ES	2.66	2.66	r
67-64-1	Acetone	18.3	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	11.9		0.891	0.891	r
67-63-0	Isopropylalcohol	30.4	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.47		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	5.59		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.43		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.54		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
541-73-1	1,3-Dichlorobenzene	1.69		0.832	0.832	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS23184	Lab Sample ID:	CS23192 5X
Canister:	49201	Lab File ID:	1209_35.D
Instrument:	CHEM20	Column:	RTX-1 60M
Purge Volume	200 (cc)	Date Received:	12/09/24
Matrix:	AIR	Date Analyzed:	12/10/24
		Dilution Factor:	5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.220		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.19		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS21908 having analytes Naphthalene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as non-detect estimate "UJ" values. 1,4-Dioxane is qualified as non-detect estimate "UJ" due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-6 5X
SDG No.:	GCS23184	Lab Sample ID:	CS23193 5X	
Canister:	273	Lab File ID:	1209_36.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	46.1	S	2.66	2.66	r
67-64-1	Acetone	24.2	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	7.35		0.891	0.891	r
67-63-0	Isopropylalcohol	44.3	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	4.46		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	2.16		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	4.18		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.45		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	11.8		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23193 5X</u>
Canister:	<u>273</u>	Lab File ID:	<u>1209_36.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.225		0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	UJ	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	UJ	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS22739 having analytes Acetone, Naphthalene, Hexachlorobutadiene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as estimate or non-detect estimate "J/UJ" values. Ethanol is qualified as estimate "J" value due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	DUP-5 5X
SDG No.:	GCS23184	Lab Sample ID:	CS23194 5X	
Canister:	13645	Lab File ID:	1209_16.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	Date Received:
				12/09/24
Purge Volume	200 (cc)	Date Analyzed:	12/09/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	79.4	S	J 2.66	2.66	r
67-64-1	Acetone	26.3	S	J 2.11	2.11	r
67-63-0	Isopropylalcohol	55.0	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.75		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	5.07		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.40		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.20		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23194 5X</u>
Canister:	<u>13645</u>	Lab File ID:	<u>1209_16.D</u>
Instrument:	<u>CHEM39</u>	Column:	<u>TX-1 ; #10157</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/09/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.360		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.38		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U J	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS22739 having analytes Acetone, Naphthalene, Hexachlorobutadiene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as estimate or non-detect estimate "J/UJ" values. Ethanol is qualified as estimate "J" value due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	DUP-4 5X
SDG No.:	GCS23184	Lab Sample ID:	CS23196 5X	
Canister:	21356	Lab File ID:	1209_18.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	Date Received:
				12/09/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.41		1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	69.5	S	J 2.66	2.66	r
67-64-1	Acetone	26.1	S	J 2.11	2.11	r
67-63-0	Isopropylalcohol	17.5	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.22		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	4.19		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.37		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.17		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

DUP-4 5X

SDG No.: GCS23184

Lab Sample ID: CS23196 5X

Canister: 21356

Lab File ID: 1209_18.D

Instrument: CHEM39 Column: TX-1 ; #10157

Date Received: 12/09/24

Purge Volume 200 (cc)

Date Analyzed: 12/10/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.335		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.36		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	UJ	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS22739 having analytes Acetone, Naphthalene, Hexachlorobutadiene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as estimate or non-detect estimate "J/UJ" values. Ethanol is qualified as estimate "J" value due to recovery below limits within laboratory control sample CS21908.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23197 5X</u>
Canister:	<u>11288</u>	Lab File ID:	<u>1209_19.D</u>
Instrument:	<u>CHEM39</u>	Column:	<u>TX-1 ; #10157</u>
		Date Received:	<u>12/09/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.49		1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	22.1	S	J 2.66	2.66	r
67-64-1	Acetone	25.9	S	J 2.11	2.11	r
67-63-0	Isopropylalcohol	17.9	S	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.11		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	4.15		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.20		1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SS-19 5X

SDG No.: GCS23184

Lab Sample ID: CS23197 5X

Canister: 11288

Lab File ID: 1209_19.D

Instrument: CHEM39 Column: TX-1 ; #10157

Date Received: 12/09/24

Purge Volume 200 (cc)

Date Analyzed: 12/10/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.355		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.42		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	UJ	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS22739 having analytes Acetone, Naphthalene, Hexachlorobutadiene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as estimate or non-detect estimate "J/UJ" values. Ethanol is qualified as estimate "J" value due to recovery below limits within laboratory control sample CS21908. ***

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	DUP-2 5X
SDG No.:	GCS23184	Lab Sample ID:	CS23198 5X	
Canister:	49214	Lab File ID:	1209_20.D	
Instrument: Purge	CHEM39	Column: TX-1 ; #10157	Date Received:	12/09/24
Volume Matrix:	200 (cc)		Date Analyzed:	12/10/24
	AIR		Dilution Factor:	5

CAS NO.

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	54.6	S	J 2.66	2.66	r
67-64-1	Acetone	10.2	S	J 2.11	2.11	r
75-69-4	Trichlorofluoromethane	3.77	J	0.891	0.891	r
67-63-0	Isopropylalcohol	10.4	S	J 2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.33	U	1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	17.2	J	0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Additional Reviewer Comment: Duplicate pair SS-4 and DUP-2 samples results are not within acceptable quantities. As such detected target (highlighted blue) with RPD greater than 50% than be qualified as estimate "J" values.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS23184</u>	Lab Sample ID:	<u>CS23198 5X</u>
Canister:	<u>49214</u>	Lab File ID:	<u>1209_20.D</u>
Instrument:	<u>CHEM39</u>	Column:	<u>TX-1 ; #10157</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/09/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.995	J	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.15	U	1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	UJ	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Due to opening and closing CCVs per batch CS22739 having analytes Acetone, Naphthalene, Hexachlorobutadiene and 1,2,4-Trichlorobenzene(sim) failed %D which led to qualification within associated samples as estimate or non-detect estimate "J/UJ" values. Ethanol is qualified as estimate "J" value due to recovery below limits within laboratory control sample CS21908.***

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-4 5X
SDG No.:	GCS23184	Lab Sample ID:	CS23199 5X	
Canister:	49197	Lab File ID:	1209_21.D	
Instrument:	CHEM39	Column:	TX-1 ; #10157	Date Received:
				12/09/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	47.5	S	J 2.66	2.66	r
67-64-1	Acetone	16.0	S	J 2.11	2.11	r
75-69-4	Trichlorofluoromethane	10.8	J	0.891	0.891	r
67-63-0	Isopropylalcohol	31.7	S	J 2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	1.70	U	1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
79-01-6	Trichloroethene	2.73	J	0.185	0.185	r
540-84-1	2,2,4-trimethylpentane	1.39		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.40		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	44.3	J	0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Additional Reviewer Comment: Duplicate pair SS-4 and DUP-2 samples results are not within acceptable quantities. As such detected target (highlighted blue) with RPD greater than 50% than be qualified as estimate "J" values.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SS-4 5X

SDG No.: GCS23184

Lab Sample ID: CS23199 5X

Canister: 49197

Lab File ID: 1209_21.D

Instrument: CHEM39 Column: TX-1 ; #10157

Date Received: 12/09/24

Purge Volume 200 (cc)

Date Analyzed: 12/10/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.94		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U J	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent



To: Todd Rollen
Labella Associates DPC
5 McCrea Hill Rd.
Ballston Spa, NY 12020

Date: 04/28/2025

Site: Newton Plaza Associates, LLC- Data Usability Summary Report

The Following Items Are Being Transmitted:
Data Packages

Originals	Description of Materials	Electronic/ Hard Copy
1	GCS24309_NYSDEC_CatB_Package_Mini_Final Report.PDF	Electronic
1	GCS24309_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.146



Newton Plaza Associates, LLC - Data Usability Summary Report for December 5, 2024, 8 Hrs. Air Sample Collections

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GSC24309				Method
Lab ID	Field ID	Collection Date	Matrix Collection Duration)	TO-15
CS24309	IA-14	12/5/2024	Air (8 hrs.)	x
CS24310	OA-2	12/5/2024	Air (8 hrs.)	x
CS24311	SS-14	12/5/2024	Air (8 hrs.)	x
CS24312	SS-8	12/5/2024	Air (8 hrs.)	x
CS24313	IA-13	12/5/2024	Air (8 hrs.)	x
CS24314	IA-20	12/5/2024	Air (8 hrs.)	x
CS24315	IA-8	12/5/2024	Air (8 hrs.)	x
CS24316	33-13	12/5/2024	Air (8 hrs.)	x
CS24317	SS-20	12/5/2024	Air (8 hrs.)	x
CS24318	IA-21	12/5/2024	Air (8 hrs.)	x
CS24319	SS1	12/5/2024	Air (8 hrs.)	x
CS24320	IA-12	12/5/2024	Air (8 hrs.)	x
CS24321	SS-21	12/5/2024	Air (8 hrs.)	x
CS24322	IA-9	12/5/2024	Air (8 hrs.)	x
CS24323	IA-1	12/5/2024	Air (8 hrs.)	x
CS24324	IA-18	12/5/2024	Air (8 hrs.)	x

Samples were analyzed under:

- USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15*, SOP HW-31, Revised 6 (September 2016)
- USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)



Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.

Overall Usability Issues

Data validation was completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

- There was no rejection of data.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criteria for compliance with method TO-15.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

Note- Result were presented as in laboratory report Form1 as ppbv while shown in EDD as ug/m3. Both results are accurate and acceptable. Also note, while there are both target and SIM analytes, only one is noted in EDD, thus only one is qualified within document.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector



Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC



Method Review TO-15

Job ID: GCS24309

Lab ID	Field ID	Collection Date	Matrix (Collection Duration)
CS24309	IA-14	12/5/2024	Air (8 hrs.)
CS24310	OA-2	12/5/2024	Air (8 hrs.)
CS24311	SS-14	12/5/2024	Air (8 hrs.)
CS24312	SS-8	12/5/2024	Air (8 hrs.)
CS24313	IA-13	12/5/2024	Air (8 hrs.)
CS24314	IA-20	12/5/2024	Air (8 hrs.)
CS24315	IA-8	12/5/2024	Air (8 hrs.)
CS24316	33-13	12/5/2024	Air (8 hrs.)
CS24317	SS-20	12/5/2024	Air (8 hrs.)
CS24318	IA-21	12/5/2024	Air (8 hrs.)
CS24319	SS1	12/5/2024	Air (8 hrs.)
CS24320	IA-12	12/5/2024	Air (8 hrs.)
CS24321	SS-21	12/5/2024	Air (8 hrs.)
CS24322	IA-9	12/5/2024	Air (8 hrs.)
CS24323	IA-1	12/5/2024	Air (8 hrs.)
CS24324	IA-18	12/5/2024	Air (8 hrs.)

Reviewer Summary :

Samples were handled and analyzed properly under EPA's National Functional Guideline for Organic Compounds and SOP NO. HW-31.

- It is noted that several analytes recovery was outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.

- CCV of batches 761941 and 761915 %D results above laboratory limit several analytes are qualified as an estimate or non-detect estimate "J/UJ" value within associated samples. Note, while additional analytes may have failed, not all analytes are present in samples.

- Within LCS sample CS24309, 1,4-dioxane had recovery above laboratory limit led to qualification in samples CS24309-CS24323 as non-detect estimate "UJ" values. Within LCS sample CS24324, ethanol and ethyl acetate had recovery above laboratory limit led to qualification as estimate "J" values in sample CS2324.

- Laboratory duplicates were run within each batch, CS24309 and CS24324 were all within parameters of laboratory comparison.

All data is within category B criterion and usable.

Client: Labella Associates DPC

Laboratory: Phoenix Environmental Laboratories, INC (NELAP #NY11301)

Site: Newton Plaza Associates, LLC

Job ID: GCS24309



TO-15

Criteria	Y	N	NA	Comment
A. Sample Integrity and Preservation				
Were samples within technical hold time and extraction period?	x			
Were preserved pressure difference between sampling and analysis ≤ 5 psi)	x			
Canister Cleaning results provided?	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results within criteria?	x			
Were all samples analyzed within the 12 hour time period	x			
C. Initial Calibration				
Was a 5 point calibration conducted?	x			It is noted that several analytes recovery was outside laboratory criteria for certain analytes of the two ICV but did not require any qualification.
RSD% within acceptable criterion?	x			
Was curve fit used for evaluation? If yes did the I.C. meet the curve fit acceptability of ≥ 0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C? Was retention time within bounds?	x			
D. Continuing Calibration				
Was it done every 12 hours after Initial Calibration to verify it?	x			CCV of batches 761941 and 761915 %D results above laboratory limit several analytes are qualified as an estimate or non-detect estimate "J/UJ" value within associated samples. See attachment.
Were Drift % and (RRF) within acceptable criteria?		x		

Criteria	Y	N	NA	Comment
E. Laboratory Blanks/ Air Canister Certification Results				
Was a lab blank associated with each sample of SDG?	x			
Was blank analyzed every 20 samples?	x			
Were contamination found, if so qualification may be necessary?		x		
Were method detection limits defined?	x			
Were Air Canister Certification Results present?	x			
Were contaminants detected, if so qualification may be necessary?		x		
F. Laboratory control sample				
Was LCS analysis for this SDG?	x			Within LCS sample CS24309, 1,4-dioxane had recovery above laboratory limit led to qualification in samples CS24309-CS24323 as non-detect estimate "UJ" values. Within LCS sample CS24324, ethanol and ethyl acetate had recovery above laboratory limit led to qualification as estimate "J" values in sample CS2324. See attachment.
Was LCS analysis per analysis batch?	x			
Was LCS (%R) within QC Limits?		x		
G. Internal Standards				
Were Surrogates percent recovery (%R) within QC limits?	x			
Were retention times of analytes less than 20 sec difference between samples?	x			
H. Compound Quantitation				
Were correct internal standards, quantitation ions and RRF used in quantitate compounds?	x			
Were compound quantitates and RLs adjusted to reflect sample dilutions and dry weights to continuous calibration?	x			

Criteria	Y	N	NA	Comment
I. Target Compound Identification				
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were chromatograms peaks verified and accounted?	x			
J. Laboratory/Field Duplicate				
Were field duplicates identified in this SDG?	x			Laboratory duplicates were run within each batch, CS24309 and CS24324 were all within parameters of laboratory comparison.
Were target compounds detected in it?		x		
K. Overall Assessment of Data				
Was Overall assessment of data found to be acceptable?	x			

Comments: Qualification due to failure in criteria within continuous calibration and laboratory control sample. All results were within Cat. B criterion and usable.

Calculation Spot Check

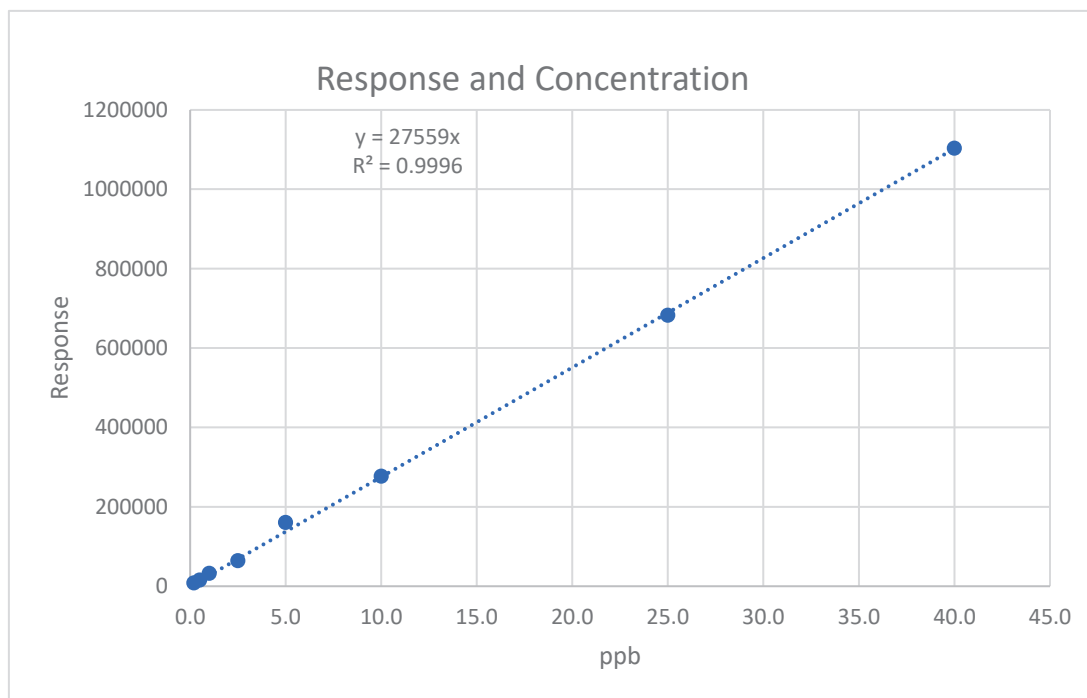
Instrument CHEM20

ICV Date 12/07/2024 03:56

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.267	8274	0.2
RRF7	0.975	15629	0.5
RRF8	0.854	32557	1.0
RRF9	0.802	64440	2.5
RRF10	0.934	160750	5.0
RRF11	0.756	276937	10.0
RRF12	0.735	682509	25.0
RRF13	0.694	1103314	40.0
average	0.877		
RSD	21.08		



Calculation Spot Check

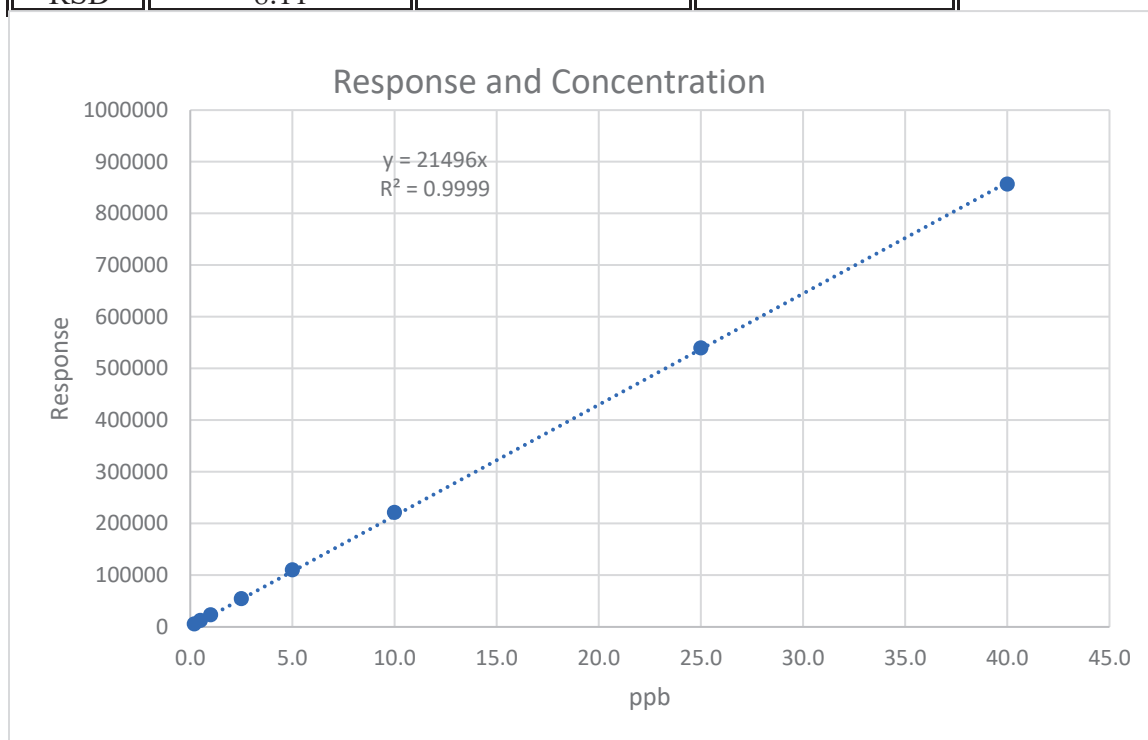
Instrumen CHEM24

ICV Date 10/18/2024 22:33

Compound Propene (Propylene)



Level	RF	Response	Concentration (ppb)
RRF6	1.228	5541	0.2
RRF7	1.088	12420	0.5
RRF8	0.953	23224	1.0
RRF9	0.981	54360	2.5
RRF10	1.036	110086	5.0
RRF11	0.995	221166	10.0
RRF12	1.046	539551	25.0
RRF13	1.048	856502	40.0
average	1.047		
RSD	8.11		



Attachments for Method Review

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM20 Calibration Date: 12/10/24 Time: 12:37

Lab File Id: 1210_02.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.877	0.854		2.6	30
Dichlorodifluoromethane	3.240	3.087		4.7	30
Chloromethane	1.326	1.627		-22.7	30
1,2-Dichlorotetrafluoroethane	4.195	5.256		-25.3	30
Vinyl Chloride	1.446	1.807		-25.0	30
1,3-Butadiene	1.141	1.378		-20.8	30
Bromomethane	1.575	1.932		-22.7	30
Chloroethane	0.672	0.775		-15.3	30
Ethanol	0.674	0.856		-27.0	30
Acetone	2.942	3.681		-25.1	30
Trichlorofluoromethane	4.912	6.316		-28.6	30
Isopropylalcohol	3.051	3.997		-31.0 #	30
Acrylonitrile	1.162	1.401		-20.6	30
1,1-Dichloroethene	2.660	3.347		-25.8	30
Methylene Chloride	2.021	2.534		-25.4	30
Carbon Disulfide	4.212	5.037		-19.6	30
Trichlorotrifluoroethane	3.382	4.310		-27.4	30
Trans-1,2-Dichloroethene	1.325	1.354		-2.2	30
1,1-Dichloroethane	1.577	1.627		-3.2	30
Methyl tert-butyl ether(MTBE)	2.389	2.301		3.7	30
Methyl Ethyl Ketone	2.057	2.030		1.3	30
Cis-1,2-Dichloroethene	1.351	1.297		4.0	30
Hexane	1.340	1.255		6.3	30
Chloroform	2.011	1.972		1.9	30
Ethyl acetate	0.300	0.303		-1.0	30
Tetrahydrofuran	1.052	1.012		3.8	30
1,2-Dichloroethane	1.480	1.469		0.7	30
1,1,1-Trichloroethane	2.215	2.026		8.5	30
Benzene	2.885	3.026		-4.9	30
Carbon Tetrachloride	2.387	2.240		6.2	30
Cyclohexane	1.135	1.156		-1.9	30
1,2-dichloropropane	0.308	0.297		3.6	30
Bromodichloromethane	0.654	0.576		11.9	30
Trichloroethene	0.415	0.381		8.2	30
2,2,4-trimethylpentane	1.236	1.118		9.5	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM20 Calibration Date: 12/10/24 Time: 12:37

Lab File Id: 1210_02.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.179	0.138		22.9	30
Heptane	0.520	0.503		3.3	30
cis-1,3-Dichloropropene	0.498	0.430		13.7	30
4-Methyl-2-pentanone(MIBK)	0.772	0.695		10.0	30
trans-1,3-Dichloropropene	0.409	0.363		11.2	30
1,1,2-Trichloroethane	0.343	0.315		8.2	30
Toluene	0.958	0.877		8.5	30
Dibromochloromethane	0.714	0.641		10.2	30
2-Hexanone(MBK)	0.729	0.667		8.5	30
1,2-Dibromoethane(EDB)	0.583	0.548		6.0	30
Tetrachloroethene	0.630	0.574		8.9	30
1,1,1,2-Tetrachloroethane	0.933	0.989		-6.0	30
Chlorobenzene	1.478	1.557		-5.3	30
Ethylbenzene	2.324	2.425		-4.3	30
m,p-Xylene	1.759	1.480		15.9	30
Bromoform	1.438	1.448		-0.7	30
Styrene	1.373	1.465		-6.7	30
1,1,2,2-Tetrachloroethane	1.431	1.505		-5.2	30
o-Xylene	1.914	1.899		0.8	30
Isopropylbenzene	2.704	2.801		-3.6	30
4-Ethyltoluene	2.666	2.817		-5.7	30
1,3,5-Trimethylbenzene	2.219	2.024		8.8	30
1,2,4-Trimethylbenzene	2.435	2.139		12.2	30
Benzyl chloride	1.647	1.366		17.1	30
1,3-Dichlorobenzene	1.746	1.738		0.5	30
1,4-Dichlorobenzene	1.698	1.747		-2.9	30
sec-Butylbenzene	3.469	3.480		-0.3	30
4-Isopropyltoluene	3.160	3.141		0.6	30
1,2-Dichlorobenzene	1.581	1.531		3.2	30
n-Butylbenzene	2.658	2.649		0.3	30
1,2,4-Trichlorobenzene	1.261	0.838		33.5 #	30
Naphthalene	2.256	1.230		45.5 #	30
Hexachlorobutadiene	1.810	1.688		6.7	30
1,2-Dichlorotetrafluoroethane(sim)	4.124	4.502		-9.2	30
Vinyl Chloride(sim)	1.502	1.677		-11.7	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM20 Calibration Date: 12/10/24 Time: 12:37

Lab File Id: 1210_02.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.644	1.659		-0.9	30
Trichlorofluoromethane(sim)	5.019	5.807		-15.7	30
1,2-Dichloroethane(sim)	1.368	1.261		7.8	30
1,1,1-Trichloroethane(sim)	2.101	2.009		4.4	30
Benzene(sim)	2.795	2.598		7.0	30
Carbon Tetrachloride(sim)	2.156	2.202		-2.1	30
1,1-Dichloroethene(sim)	2.608	2.873		-10.2	30
Trichlorotrifluoroethane(sim)	3.458	4.097		-18.5	30
Trans-1,2-Dichloroethene(sim)	1.371	1.163		15.2	30
1,1-Dichloroethane(sim)	1.552	1.525		1.7	30
Cis-1,2-Dichloroethene(sim)	1.282	1.114		13.1	30
Chloroform(sim)	1.953	1.916		1.9	30
1,2-dichloropropane(sim)	0.323	0.318		1.5	30
Bromodichloromethane(sim)	0.612	0.575		6.0	30
Trichloroethene(sim)	0.470	0.438		6.8	30
1,4-Dioxane(sim)	0.163	0.138		15.3	30
cis-1,3-Dichloropropene(sim)	0.498	0.489		1.8	30
1,1,2-Trichloroethane(sim)	0.350	0.315		10.0	30
Dibromochloromethane(sim)	0.675	0.729		-8.0	30
1,2-Dibromoethane(EDB)(sim)	0.574	0.548		4.5	30
Tetrachloroethene(sim)	0.684	0.685		-0.1	30
Bromoform(sim)	1.550	1.782		-15.0	30
m,p-Xylene(sim)	1.990	1.865		6.3	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.671		-2.3	30
Benzyl chloride(sim)	1.500	1.365		9.0	30
1,3-Dichlorobenzene(sim)	2.314	2.096		9.4	30
1,4-Dichlorobenzene(sim)	1.626	1.746		-7.4	30
sec-Butylbenzene(sim)	4.151	3.964		4.5	30
4-Isopropyltoluene(sim)	3.517	3.140		10.7	30
1,2-Dichlorobenzene(sim)	1.928	1.921		0.4	30
n-Butylbenzene(sim)	2.926	2.648		9.5	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.60		40.0 #	20
Hexachlorobutadiene(sim) qfi	1.000	0.82		18.0	20
% Bromofluorobenzene	1.177	1.304		-10.8	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM20 Calibration Date: 12/11/24 Time: 09:28

Lab File Id: 1210_31.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	0.877	0.719		18.0	30
Dichlorodifluoromethane	3.240	3.044		6.0	30
Chloromethane	1.326	1.637		-23.5	30
1,2-Dichlorotetrafluoroethane	4.195	5.222		-24.5	30
Vinyl Chloride	1.446	1.806		-24.9	30
1,3-Butadiene	1.141	1.287		-12.8	30
Bromomethane	1.575	1.865		-18.4	30
Chloroethane	0.672	0.799		-18.9	30
Ethanol	0.674	0.953		-41.4 #	30
Acetone	2.942	3.653		-24.2	30
Trichlorofluoromethane	4.912	5.980		-21.7	30
Isopropylalcohol	3.051	3.897		-27.7	30
Acrylonitrile	1.162	1.512		-30.1 #	30
1,1-Dichloroethene	2.660	3.298		-24.0	30
Methylene Chloride	2.021	2.568		-27.1	30
Carbon Disulfide	4.212	5.294		-25.7	30
Trichlorotrifluoroethane	3.382	4.169		-23.3	30
Trans-1,2-Dichloroethene	1.325	1.257		5.1	30
1,1-Dichloroethane	1.577	1.568		0.6	30
Methyl tert-butyl ether(MTBE)	2.389	2.040		14.6	30
Methyl Ethyl Ketone	2.057	1.959		4.8	30
Cis-1,2-Dichloroethene	1.351	1.187		12.1	30
Hexane	1.340	1.173		12.5	30
Chloroform	2.011	1.905		5.3	30
Ethyl acetate	0.300	0.240		20.0	30
Tetrahydrofuran	1.052	0.987		6.2	30
1,2-Dichloroethane	1.480	1.377		7.0	30
1,1,1-Trichloroethane	2.215	1.943		12.3	30
Benzene	2.885	2.425		15.9	30
Carbon Tetrachloride	2.387	2.087		12.6	30
Cyclohexane	1.135	1.040		8.4	30
1,2-dichloropropane	0.308	0.276		10.4	30
Bromodichloromethane	0.654	0.554		15.3	30
Trichloroethene	0.415	0.358		13.7	30
2,2,4-trimethylpentane	1.236	1.005		18.7	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM20 Calibration Date: 12/11/24 Time: 09:28

Lab File Id: 1210_31.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.179	0.149		16.8	30
Heptane	0.520	0.457		12.1	30
cis-1,3-Dichloropropene	0.498	0.410		17.7	30
4-Methyl-2-pentanone(MIBK)	0.772	0.663		14.1	30
trans-1,3-Dichloropropene	0.409	0.327		20.0	30
1,1,2-Trichloroethane	0.343	0.303		11.7	30
Toluene	0.958	0.799		16.6	30
Dibromochloromethane	0.714	0.616		13.7	30
2-Hexanone(MBK)	0.729	0.623		14.5	30
1,2-Dibromoethane(EDB)	0.583	0.479		17.8	30
Tetrachloroethene	0.630	0.540		14.3	30
1,1,1,2-Tetrachloroethane	0.933	0.941		-0.9	30
Chlorobenzene	1.478	1.532		-3.7	30
Ethylbenzene	2.324	2.186		5.9	30
m,p-Xylene	1.759	1.373		21.9	30
Bromoform	1.438	1.384		3.8	30
Styrene	1.373	1.210		11.9	30
1,1,2,2-Tetrachloroethane	1.431	1.407		1.7	30
o-Xylene	1.914	1.796		6.2	30
Isopropylbenzene	2.704	2.738		-1.3	30
4-Ethyltoluene	2.666	2.522		5.4	30
1,3,5-Trimethylbenzene	2.219	1.993		10.2	30
1,2,4-Trimethylbenzene	2.435	2.053		15.7	30
Benzyl chloride	1.647	1.223		25.7	30
1,3-Dichlorobenzene	1.746	1.597		8.5	30
1,4-Dichlorobenzene	1.698	1.643		3.2	30
sec-Butylbenzene	3.469	3.325		4.2	30
4-Isopropyltoluene	3.160	2.834		10.3	30
1,2-Dichlorobenzene	1.581	1.488		5.9	30
n-Butylbenzene	2.658	2.388		10.2	30
1,2,4-Trichlorobenzene	1.261	0.764		39.4 #	30
Naphthalene	2.256	1.148		49.1 #	30
Hexachlorobutadiene	1.810	1.530		15.5	30
1,2-Dichlorotetrafluoroethane(sim)	4.124	4.475		-8.5	30
Vinyl Chloride(sim)	1.502	1.645		-9.5	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM20 Calibration Date: 12/11/24 Time: 09:28

Lab File Id: 1210_31.D Init. Calib. Date(s): 12/06/24 12/07/24

Heated Purge (Y/N): Y Init. Calib. Times: 18:24 03:56

GC Column: RTX-1 60M Method File: 20_AIR_1206.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.644	1.602		2.6	30
Trichlorofluoromethane(sim)	5.019	5.663		-12.8	30
1,2-Dichloroethane(sim)	1.368	1.183		13.5	30
1,1,1-Trichloroethane(sim)	2.101	1.870		11.0	30
Benzene(sim)	2.795	2.084		25.4	30
Carbon Tetrachloride(sim)	2.156	2.047		5.1	30
1,1-Dichloroethene(sim)	2.608	2.833		-8.6	30
Trichlorotrifluoroethane(sim)	3.458	3.995		-15.5	30
Trans-1,2-Dichloroethene(sim)	1.371	1.079		21.3	30
1,1-Dichloroethane(sim)	1.552	1.450		6.6	30
Cis-1,2-Dichloroethene(sim)	1.282	1.019		20.5	30
Chloroform(sim)	1.953	1.805		7.6	30
1,2-dichloropropane(sim)	0.323	0.297		8.0	30
Bromodichloromethane(sim)	0.612	0.552		9.8	30
Trichloroethene(sim)	0.470	0.413		12.1	30
1,4-Dioxane(sim)	0.163	0.149		8.6	30
cis-1,3-Dichloropropene(sim)	0.498	0.454		8.8	30
1,1,2-Trichloroethane(sim)	0.350	0.301		14.0	30
Dibromochloromethane(sim)	0.675	0.694		-2.8	30
1,2-Dibromoethane(EDB)(sim)	0.574	0.477		16.9	30
Tetrachloroethene(sim)	0.684	0.638		6.7	30
Bromoform(sim)	1.550	1.659		-7.0	30
m,p-Xylene(sim)	1.990	1.719		13.6	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.577		3.5	30
Benzyl chloride(sim)	1.500	1.234		17.7	30
1,3-Dichlorobenzene(sim)	2.314	1.940		16.2	30
1,4-Dichlorobenzene(sim)	1.626	1.650		-1.5	30
sec-Butylbenzene(sim)	4.151	3.702		10.8	30
4-Isopropyltoluene(sim)	3.517	2.838		19.3	30
1,2-Dichlorobenzene(sim)	1.928	1.769		8.2	30
n-Butylbenzene(sim)	2.926	2.391		18.3	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.56		44.0 #	20
Hexachlorobutadiene(sim) qfi	1.000	0.75		25.0 #	20
% Bromofluorobenzene	1.177	1.270		-7.9	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM24 Calibration Date: 12/10/24 Time: 08:08

Lab File Id: 1210_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	1.047	1.144		-9.3	30
Dichlorodifluoromethane	2.586	2.440		5.6	30
Chloromethane	1.275	1.458		-14.4	30
1,2-Dichlorotetrafluoroethane	2.447	2.481		-1.4	30
Vinyl Chloride	1.111	1.194		-7.5	30
1,3-Butadiene	0.961	1.085		-12.9	30
Bromomethane	0.984	0.983		0.1	30
Chloroethane	0.438	0.435		0.7	30
Ethanol	0.581	0.804		-38.4 #	30
Acetone	1.976	2.240		-13.4	30
Trichlorofluoromethane	2.853	2.807		1.6	30
Isopropylalcohol	2.456	2.461		-0.2	30
Acrylonitrile	0.989	1.006		-1.7	30
1,1-Dichloroethene	1.843	1.802		2.2	30
Methylene Chloride	1.667	1.907		-14.4	30
Carbon Disulfide	2.675	2.550		4.7	30
Trichlorotrifluoroethane	2.236	2.170		3.0	30
Trans-1,2-Dichloroethene	1.764	1.680		4.8	30
1,1-Dichloroethane	2.068	2.045		1.1	30
Methyl tert-butyl ether(MTBE)	2.326	1.924		17.3	30
Methyl Ethyl Ketone	2.643	2.894		-9.5	30
Cis-1,2-Dichloroethene	1.660	1.521		8.4	30
Hexane	1.824	1.664		8.8	30
Chloroform	2.121	2.075		2.2	30
Ethyl acetate	0.388	0.352		9.3	30
Tetrahydrofuran	1.251	1.248		0.2	30
1,2-Dichloroethane	1.553	1.604		-3.3	30
1,1,1-Trichloroethane	2.236	2.232		0.2	30
Benzene	2.814	2.488		11.6	30
Carbon Tetrachloride	2.576	2.647		-2.8	30
Cyclohexane	1.107	1.022		7.7	30
1,2-dichloropropane	0.429	0.420		2.1	30
Bromodichloromethane	0.697	0.719		-3.2	30
Trichloroethene	0.502	0.488		2.8	30
2,2,4-trimethylpentane	1.797	1.816		-1.1	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM24 Calibration Date: 12/10/24 Time: 08:08

Lab File Id: 1210_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.163		9.9	30
Heptane	0.716	0.759		-6.0	30
cis-1,3-Dichloropropene	0.519	0.473		8.9	30
4-Methyl-2-pentanone(MIBK)	0.917	1.036		-13.0	30
trans-1,3-Dichloropropene	0.423	0.378		10.6	30
1,1,2-Trichloroethane	0.414	0.391		5.6	30
Toluene	1.094	0.960		12.2	30
Dibromochloromethane	0.917	0.912		0.5	30
2-Hexanone(MBK)	0.787	0.797		-1.3	30
1,2-Dibromoethane(EDB)	0.720	0.675		6.2	30
Tetrachloroethene	0.676	0.628		7.1	30
1,1,1,2-Tetrachloroethane	1.299	1.422		-9.5	30
Chlorobenzene	2.128	2.182		-2.5	30
Ethylbenzene	3.044	2.690		11.6	30
m,p-Xylene	2.287	1.754		23.3	30
Bromoform	1.951	2.042		-4.7	30
Styrene	1.751	1.415		19.2	30
1,1,2,2-Tetrachloroethane	1.855	1.909		-2.9	30
o-Xylene	2.440	2.236		8.4	30
Isopropylbenzene	3.612	3.561		1.4	30
4-Ethyltoluene	3.459	3.091		10.6	30
1,3,5-Trimethylbenzene	2.974	2.873		3.4	30
1,2,4-Trimethylbenzene	3.007	2.646		12.0	30
Benzyl chloride qfi	1.000	0.62		38.0 #	20
1,3-Dichlorobenzene	2.067	1.926		6.8	30
1,4-Dichlorobenzene	1.700	1.479		13.0	30
sec-Butylbenzene	4.478	4.338		3.1	30
4-Isopropyltoluene	4.192	3.947		5.8	30
1,2-Dichlorobenzene	1.961	1.701		13.3	30
n-Butylbenzene	2.927	2.334		20.3	30
1,2,4-Trichlorobenzene qfi	1.000	0.34		66.0 #	20
Naphthalene qfi	1.000	0.31		69.0 #	20
Hexachlorobutadiene	2.132	1.781		16.5	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.416		4.7	30
Vinyl Chloride(sim)	1.180	1.214		-2.9	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM24 Calibration Date: 12/10/24 Time: 08:08

Lab File Id: 1210_02.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.957		9.6	30
Trichlorofluoromethane(sim)	2.932	2.893		1.3	30
1,2-Dichloroethane(sim)	1.590	1.562		1.8	30
1,1,1-Trichloroethane(sim)	2.390	2.369		0.9	30
Benzene(sim)	3.031	2.423		20.1	30
Carbon Tetrachloride(sim)	2.578	2.649		-2.8	30
1,1-Dichloroethene(sim)	1.894	1.755		7.3	30
Trichlorotrifluoroethane(sim)	2.341	2.238		4.4	30
Trans-1,2-Dichloroethene(sim)	1.817	1.636		10.0	30
1,1-Dichloroethane(sim)	2.237	2.144		4.2	30
Cis-1,2-Dichloroethene(sim)	1.697	1.482		12.7	30
Chloroform(sim)	2.228	2.192		1.6	30
1,2-dichloropropane(sim)	0.455	0.449		1.3	30
Bromodichloromethane(sim)	0.716	0.719		-0.4	30
Trichloroethene(sim)	0.519	0.512		1.3	30
1,4-Dioxane(sim)	0.183	0.163		10.9	30
cis-1,3-Dichloropropene(sim)	0.549	0.514		6.4	30
1,1,2-Trichloroethane(sim)	0.426	0.391		8.2	30
Dibromochloromethane(sim)	0.904	0.943		-4.3	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.675		7.3	30
Tetrachloroethene(sim)	0.722	0.655		9.3	30
Bromoform(sim)	1.912	2.041		-6.7	30
m,p-Xylene(sim)	2.785	2.192		21.3	30
1,1,2,2-Tetrachloroethane(sim)	1.990	2.010		-1.0	30
Benzyl chloride(sim) qfi	1.000	0.97		3.0	20
1,3-Dichlorobenzene(sim)	1.819	2.040		-12.1	30
1,4-Dichlorobenzene(sim)	1.446	1.479		-2.3	30
sec-Butylbenzene(sim)	5.063	4.855		4.1	30
4-Isopropyltoluene(sim)	4.380	3.947		9.9	30
1,2-Dichlorobenzene(sim)	1.975	1.956		1.0	30
n-Butylbenzene(sim)	2.503	2.334		6.8	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.56		44.0 #	20
Hexachlorobutadiene(sim)	2.108	1.777		15.7	30
% Bromofluorobenzene	1.294	1.329		-2.7	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM24 Calibration Date: 12/11/24 Time: 01:44

Lab File Id: 1210_26.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	1.047	1.156		-10.4	30
Dichlorodifluoromethane	2.586	2.447		5.4	30
Chloromethane	1.275	1.505		-18.0	30
1,2-Dichlorotetrafluoroethane	2.447	2.548		-4.1	30
Vinyl Chloride	1.111	1.164		-4.8	30
1,3-Butadiene	0.961	1.067		-11.0	30
Bromomethane	0.984	0.993		-0.9	30
Chloroethane	0.438	0.460		-5.0	30
Ethanol	0.581	0.787		-35.5 #	30
Acetone	1.976	2.248		-13.8	30
Trichlorofluoromethane	2.853	2.737		4.1	30
Isopropylalcohol	2.456	2.695		-9.7	30
Acrylonitrile	0.989	1.008		-1.9	30
1,1-Dichloroethene	1.843	1.733		6.0	30
Methylene Chloride	1.667	1.880		-12.8	30
Carbon Disulfide	2.675	2.572		3.9	30
Trichlorotrifluoroethane	2.236	2.180		2.5	30
Trans-1,2-Dichloroethene	1.764	1.624		7.9	30
1,1-Dichloroethane	2.068	2.010		2.8	30
Methyl tert-butyl ether(MTBE)	2.326	1.803		22.5	30
Methyl Ethyl Ketone	2.643	2.844		-7.6	30
Cis-1,2-Dichloroethene	1.660	1.521		8.4	30
Hexane	1.824	1.636		10.3	30
Chloroform	2.121	2.132		-0.5	30
Ethyl acetate	0.388	0.369		4.9	30
Tetrahydrofuran	1.251	1.173		6.2	30
1,2-Dichloroethane	1.553	1.588		-2.3	30
1,1,1-Trichloroethane	2.236	2.216		0.9	30
Benzene	2.814	2.393		15.0	30
Carbon Tetrachloride	2.576	2.603		-1.0	30
Cyclohexane	1.107	0.943		14.8	30
1,2-dichloropropane	0.429	0.408		4.9	30
Bromodichloromethane	0.697	0.716		-2.7	30
Trichloroethene	0.502	0.485		3.4	30
2,2,4-trimethylpentane	1.797	1.726		4.0	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM24 Calibration Date: 12/11/24 Time: 01:44

Lab File Id: 1210_26.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.181	0.154		14.9	30
Heptane	0.716	0.759		-6.0	30
cis-1,3-Dichloropropene	0.519	0.449		13.5	30
4-Methyl-2-pentanone(MIBK)	0.917	0.976		-6.4	30
trans-1,3-Dichloropropene	0.423	0.369		12.8	30
1,1,2-Trichloroethane	0.414	0.398		3.9	30
Toluene	1.094	0.914		16.5	30
Dibromochloromethane	0.917	0.899		2.0	30
2-Hexanone(MBK)	0.787	0.752		4.4	30
1,2-Dibromoethane(EDB)	0.720	0.651		9.6	30
Tetrachloroethene	0.676	0.610		9.8	30
1,1,1,2-Tetrachloroethane	1.299	1.389		-6.9	30
Chlorobenzene	2.128	2.127		0.0	30
Ethylbenzene	3.044	2.496		18.0	30
m,p-Xylene	2.287	1.664		27.2	30
Bromoform	1.951	1.998		-2.4	30
Styrene	1.751	1.378		21.3	30
1,1,2,2-Tetrachloroethane	1.855	1.851		0.2	30
o-Xylene	2.440	2.144		12.1	30
Isopropylbenzene	3.612	3.463		4.1	30
4-Ethyltoluene	3.459	2.915		15.7	30
1,3,5-Trimethylbenzene	2.974	2.731		8.2	30
1,2,4-Trimethylbenzene	3.007	2.420		19.5	30
Benzyl chloride qfi	1.000	0.56		44.0 #	20
1,3-Dichlorobenzene	2.067	1.746		15.5	30
1,4-Dichlorobenzene	1.700	1.487		12.5	30
sec-Butylbenzene	4.478	4.125		7.9	30
4-Isopropyltoluene	4.192	3.706		11.6	30
1,2-Dichlorobenzene	1.961	1.663		15.2	30
n-Butylbenzene	2.927	2.213		24.4	30
1,2,4-Trichlorobenzene qfi	1.000	0.33		67.0 #	20
Naphthalene qfi	1.000	0.31		69.0 #	20
Hexachlorobutadiene	2.132	1.619		24.1	30
1,2-Dichlorotetrafluoroethane(sim)	2.534	2.435		3.9	30
Vinyl Chloride(sim)	1.180	1.199		-1.6	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS24309

Instrument: CHEM24 Calibration Date: 12/11/24 Time: 01:44

Lab File Id: 1210_26.D Init. Calib. Date(s): 10/18/24 10/18/24

Heated Purge (Y/N): Y Init. Calib. Times: 15:10 22:33

GC Column: RTX-1 Method File: 24_AIR_1018.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.059	0.950		10.3	30
Trichlorofluoromethane(sim)	2.932	2.818		3.9	30
1,2-Dichloroethane(sim)	1.590	1.518		4.5	30
1,1,1-Trichloroethane(sim)	2.390	2.291		4.1	30
Benzene(sim)	3.031	2.288		24.5	30
Carbon Tetrachloride(sim)	2.578	2.584		-0.2	30
1,1-Dichloroethene(sim)	1.894	1.657		12.5	30
Trichlorotrifluoroethane(sim)	2.341	2.188		6.5	30
Trans-1,2-Dichloroethene(sim)	1.817	1.553		14.5	30
1,1-Dichloroethane(sim)	2.237	2.097		6.3	30
Cis-1,2-Dichloroethene(sim)	1.697	1.454		14.3	30
Chloroform(sim)	2.228	2.145		3.7	30
1,2-dichloropropane(sim)	0.455	0.442		2.9	30
Bromodichloromethane(sim)	0.716	0.716		0.0	30
Trichloroethene(sim)	0.519	0.502		3.3	30
1,4-Dioxane(sim)	0.183	0.154		15.8	30
cis-1,3-Dichloropropene(sim)	0.549	0.499		9.1	30
1,1,2-Trichloroethane(sim)	0.426	0.398		6.6	30
Dibromochloromethane(sim)	0.904	0.927		-2.5	30
1,2-Dibromoethane(EDB)(sim)	0.728	0.651		10.6	30
Tetrachloroethene(sim)	0.722	0.640		11.4	30
Bromoform(sim)	1.912	1.997		-4.4	30
m,p-Xylene(sim)	2.785	2.080		25.3	30
1,1,2,2-Tetrachloroethane(sim)	1.990	1.979		0.6	30
Benzyl chloride(sim) qfi	1.000	0.89		11.0	20
1,3-Dichlorobenzene(sim)	1.819	2.045		-12.4	30
1,4-Dichlorobenzene(sim)	1.446	1.487		-2.8	30
sec-Butylbenzene(sim)	5.063	4.638		8.4	30
4-Isopropyltoluene(sim)	4.380	3.706		15.4	30
1,2-Dichlorobenzene(sim)	1.975	1.863		5.7	30
n-Butylbenzene(sim)	2.503	2.213		11.6	30
1,2,4-Trichlorobenzene(sim) qfi	1.000	0.54		46.0 #	20
Hexachlorobutadiene(sim)	2.108	1.637		22.3	30
% Bromofluorobenzene	1.294	1.305		-0.9	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria
%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D
(#) Maximum %D not met.

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS24309

LCS - Client Id: CS24309 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		8.106	81	70	130
Dichlorodifluoromethane	10		9.411	94	70	130
Chloromethane	10		10.99	110	70	130
1,2-Dichlorotetrafluoroethane	10		10.98	110	70	130
Vinyl Chloride	10		10.75	108	70	130
1,3-Butadiene	10		10.15	102	70	130
Bromomethane	10		10.38	104	70	130
Chloroethane	10		10.74	107	70	130
Ethanol	6		6.704	112	70	130
Acetone	10		10.24	102	70	130
Trichlorofluoromethane	10		11.10	111	70	130
Isopropylalcohol	10		10.37	104	70	130
Acrylonitrile	10		10.99	110	70	130
1,1-Dichloroethene	10		11.04	110	70	130
Methylene Chloride	10		10.49	105	70	130
Carbon Disulfide	10		10.53	105	70	130
Trichlorotrifluoroethane	10		11.14	111	70	130
Trans-1,2-Dichloroethene	10		9.266	93	70	130
1,1-Dichloroethane	10		9.525	95	70	130
Methyl tert-butyl ether(MTBE)	10		8.995	90	70	130
Methyl Ethyl Ketone	10		9.177	92	70	130
Cis-1,2-Dichloroethene	10		9.783	98	70	130
Hexane	10		9.773	98	70	130
Chloroform	10		9.822	98	70	130
Ethyl acetate	10		11.43	114	70	130
Tetrahydrofuran	10		9.240	92	70	130
1,2-Dichloroethane	10		9.389	94	70	130
1,1,1-Trichloroethane	10		9.827	98	70	130
Benzene	10		10.48	105	70	130
Carbon Tetrachloride	10		10.07	101	70	130
Cyclohexane	10		8.916	89	70	130
1,2-dichloropropane	10		9.903	99	70	130
Bromodichloromethane	10		10.33	103	70	130
Trichloroethene	10		10.52	105	70	130
2,2,4-trimethylpentane	10		9.798	98	70	130
1,4-Dioxane	10		5.744	57 *	70	130
Heptane	10		10.46	105	70	130
cis-1,3-Dichloropropene	10		10.31	103	70	130
4-Methyl-2-pentanone(MIBK)	10		8.175	82	70	130
trans-1,3-Dichloropropene	10		10.06	101	70	130
1,1,2-Trichloroethane	10		10.22	102	70	130
Toluene	10		10.41	104	70	130
Dibromochloromethane	10		11.00	110	70	130
2-Hexanone(MBK)	10		7.509	75	70	130

FORM III AIR

3
AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: LABELLA

Lab Code: Phoenix Case No: _____ SAS No: _____ SDG No GCS24309

LCS - Client Id: CS24324 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		12.42	124	70	130
Dichlorodifluoromethane	10		11.11	111	70	130
Chloromethane	10		12.97	130	70	130
1,2-Dichlorotetrafluoroethane	10		11.59	116	70	130
Vinyl Chloride	10		11.76	118	70	130
1,3-Butadiene	10		12.48	125	70	130
Bromomethane	10		10.73	107	70	130
Chloroethane	10		11.25	113	70	130
Ethanol	6		8.386	140 *	70	130
Acetone	10		11.98	120	70	130
Trichlorofluoromethane	10		10.88	109	70	130
Isopropylalcohol	10		11.96	120	70	130
Acrylonitrile	10		11.25	113	70	130
1,1-Dichloroethene	10		11.53	115	70	130
Methylene Chloride	10		11.94	119	70	130
Carbon Disulfide	10		10.41	104	70	130
Trichlorotrifluoroethane	10		10.73	107	70	130
Trans-1,2-Dichloroethene	10		10.93	109	70	130
1,1-Dichloroethane	10		11.09	111	70	130
Methyl tert-butyl ether(MTBE)	10		10.55	106	70	130
Methyl Ethyl Ketone	10		12.32	123	70	130
Cis-1,2-Dichloroethene	10		10.96	110	70	130
Hexane	10		11.68	117	70	130
Chloroform	10		11.01	110	70	130
Ethyl acetate	10		14.06	141 *	70	130
Tetrahydrofuran	10		12.92	129	70	130
1,2-Dichloroethane	10		11.90	119	70	130
1,1,1-Trichloroethane	10		11.27	113	70	130
Benzene	10		10.21	102	70	130
Carbon Tetrachloride	10		11.56	116	70	130
Cyclohexane	10		9.963	100	70	130
1,2-dichloropropane	10		10.71	107	70	130
Bromodichloromethane	10		11.27	113	70	130
Trichloroethene	10		10.97	110	70	130
2,2,4-trimethylpentane	10		11.80	118	70	130
1,4-Dioxane	10		10.57	106	70	130
Heptane	10		12.82	128	70	130
cis-1,3-Dichloropropene	10		10.95	110	70	130
4-Methyl-2-pentanone(MIBK)	10		12.96	130	70	130
trans-1,3-Dichloropropene	10		10.53	105	70	130
1,1,2-Trichloroethane	10		10.63	106	70	130
Toluene	10		10.54	105	70	130
Dibromochloromethane	10		11.29	113	70	130
2-Hexanone(MBK)	10		13.33	133 *	70	130

FORM III AIR

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-14
SDG No.:	GCS24309	Lab Sample ID:	CS24309	
Canister:	23334	Lab File ID:	1210_13.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.409		0.202	0.202	r
74-87-3	Chloromethane	0.652		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	462	ES	J 0.531	0.531	r
67-64-1	Acetone	10.7	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.437		0.178	0.178	r
67-63-0	Isopropylalcohol	141	ES	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	UJ	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.714		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
67-66-3	Chloroform	0.264		0.205	0.205	r
141-78-6	Ethyl acetate	0.351		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.313	U	0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.280		0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24309</u>
Canister:	<u>23334</u>	Lab File ID:	<u>1210_13.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
56-23-5	Carbon Tetrachloride(sim)	0.077		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.081		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24310</u>
Canister:	<u>28622</u>	Lab File ID:	<u>1210_15.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.379		0.202	0.202	r
74-87-3	Chloromethane	0.594		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	3.63	S	J 0.531	0.531	r
67-64-1	Acetone	1.88	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.244		0.178	0.178	r
67-63-0	Isopropylalcohol	0.625	S	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U J	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24310</u>
Canister:	<u>28622</u>	Lab File ID:	<u>1210_15.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.071		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	UJ	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24311 5X</u>
Canister:	<u>23345</u>	Lab File ID:	<u>1210_23.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/11/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	298	ES	J 2.66	2.66	r
67-64-1	Acetone	25.0	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	1.96		0.891	0.891	r
67-63-0	Isopropylalcohol	25.5	S	J 2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U J	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	4.41		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	33.0		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	12.2		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.84		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.08		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-14 5X
SDG No.:	GCS24309	Lab Sample ID:	CS24311 5X	
Canister:	23345	Lab File ID:	1210_23.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200	(cc)		Date Analyzed:
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.410		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.89		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24312 5X</u>
Canister:	<u>28555</u>	Lab File ID:	<u>1210_24.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/11/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	86.7	S	J 2.66	2.66	r
67-64-1	Acetone	94.8	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	41.1		0.891	0.891	r
67-63-0	Isopropylalcohol	42.8	S	J 2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	J 2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	8.46		1.70	1.70	r
156-59-2	Cis-1,2-Dichloroethene	2.25		0.252	0.252	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	9.27		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
79-01-6	Trichloroethene	3.91		0.185	0.185	r
540-84-1	2,2,4-trimethylpentane	1.41		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	4.41		1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	1.80		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	51.8		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24312 5X</u>
Canister:	<u>28555</u>	Lab File ID:	<u>1210_24.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/11/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
541-73-1	1,3-Dichlorobenzene	2.15		0.832	0.832	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.36		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>	IA-13
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24313</u>	
Canister:	<u>18259</u>	Lab File ID:	<u>1210_16.D</u>	
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>	Date Received:
				<u>12/10/24</u>
Purge Volume	<u>200</u> (cc)	Date Analyzed:	<u>12/10/24</u>	
Matrix:	<u>AIR</u>	Dilution Factor:	<u>1</u>	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.402		0.202	0.202	r
74-87-3	Chloromethane	0.646		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	146	ES	J 0.531	0.531	r
67-64-1	Acetone	5.91	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	2.69		0.178	0.178	r
67-63-0	Isopropylalcohol	13.0	S	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U J	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.402		0.339	0.339	r
110-54-3	Hexane	0.444	S	0.284	0.284	r
141-78-6	Ethyl acetate	0.843		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.823		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24313</u>
Canister:	<u>18259</u>	Lab File ID:	<u>1210_16.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.074		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.195		0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.199		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-20
SDG No.:	GCS24309	Lab Sample ID:	CS24314	
Canister:	28589	Lab File ID:	1210_17.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.420		0.202	0.202	r
74-87-3	Chloromethane	0.678		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	132	ES	J 0.531	0.531	r
67-64-1	Acetone	12.9	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.611		0.178	0.178	r
67-63-0	Isopropylalcohol	205	ES	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U J	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.395		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.359		0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.268		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24314</u>
Canister:	<u>28589</u>	Lab File ID:	<u>1210_17.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.071		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.282		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-8
SDG No.:	GCS24309	Lab Sample ID:	CS24315	
Canister:	172	Lab File ID:	1210_18.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.429		0.202	0.202	r
74-87-3	Chloromethane	0.650		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	72.7	ES	J 0.531	0.531	r
67-64-1	Acetone	10.8	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.861		0.178	0.178	r
67-63-0	Isopropylalcohol	6.03	S	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	UJ	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.483		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.331		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS24309	Lab Sample ID:	CS24315
Canister:	172	Lab File ID:	1210_18.D
Instrument:	CHEM20	Column:	RTX-1 60M
Purge Volume	200	(cc)	12/10/24
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.076		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.097		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-13 5X
SDG No.:	GCS24309	Lab Sample ID:	CS24316 5X	
Canister:	23332	Lab File ID:	1210_25.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/11/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	88.1	S	J 2.66	2.66	r
67-64-1	Acetone	28.6	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	8.92		0.891	0.891	r
67-63-0	Isopropylalcohol	36.8	S	J 2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U J	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	5.10		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	11.5		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.49		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.57		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.02	U	1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SS-13 5X

SDG No.: GCS24309

Lab Sample ID: CS24316 5X

Canister: 23332

Lab File ID: 1210_25.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 12/10/24

Purge Volume 200 (cc)

Date Analyzed: 12/11/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.275		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.72		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-20 5X
SDG No.:	GCS24309	Lab Sample ID:	CS24317 5X	
Canister:	353	Lab File ID:	1210_26.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/11/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	37.5	S	J 2.66	2.66	r
67-64-1	Acetone	20.7	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	2.65		0.891	0.891	r
67-63-0	Isopropylalcohol	46.3	S	J 2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U J	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	5.17		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	10.3		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.46		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.52		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
179601-23-1	m,p-Xylene	2.90		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.21		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.20		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.36		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24317 5X</u>
Canister:	<u>353</u>	Lab File ID:	<u>1210_26.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/11/24</u>
		Dilution Factor:	<u>5</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.505		0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.390		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-21
SDG No.:	GCS24309	Lab Sample ID:	CS24318	
Canister:	49248	Lab File ID:	1210_19.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.386		0.202	0.202	r
74-87-3	Chloromethane	0.686		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	639	ES	J 0.531	0.531	r
67-64-1	Acetone	5.72	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.393		0.178	0.178	r
67-63-0	Isopropylalcohol	96.3	ES	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U J	0.461	0.461	r
75-09-2	Methylene Chloride	0.985	S	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.483	S	0.284	0.284	r
67-66-3	Chloroform	0.261		0.205	0.205	r
141-78-6	Ethyl acetate	1.27		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.313	U	0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.566		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.319		0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24318</u>
Canister:	<u>49248</u>	Lab File ID:	<u>1210_19.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
56-23-5	Carbon Tetrachloride(sim)	0.071		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U, J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.041		0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U, J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-1 5X
SDG No.:	GCS24309	Lab Sample ID:	CS24319 5X	
Canister:	28579	Lab File ID:	1210_27.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/11/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	8.49		1.90	1.90	r
64-17-5	Ethanol	225	ES J	2.66	2.66	
67-64-1	Acetone	22.1	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	9.50		0.891	0.891	r
67-63-0	Isopropylalcohol	49.2	S J	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	UJ	2.31	2.31	r
75-35-4	1,1-Dichloroethene	2.60		0.252	0.252	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
75-34-3	1,1-Dichloroethane	2.23		1.24	1.24	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	3.63		1.70	1.70	r
156-59-2	Cis-1,2-Dichloroethene	1.66		0.252	0.252	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	1000	E	1.02	1.02	
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	8.14		1.70	1.70	r
56-23-5	Carbon Tetrachloride	4.16		0.159	0.159	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
79-01-6	Trichloroethene	17.4		0.185	0.185	r
540-84-1	2,2,4-trimethylpentane	6.74		1.07	1.07	r
142-82-5	Heptane	1.25		1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	5.01		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	140		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.77		1.15	1.15	r
179601-23-1	m,p-Xylene	6.44		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SS-1 5X

SDG No.: GCS24309

Lab Sample ID: CS24319 5X

Canister: 28579

Lab File ID: 1210_27.D

Instrument: CHEM20 Column: RTX-1 60M

Date Received: 12/10/24

Purge Volume 200 (cc)

Date Analyzed: 12/11/24

Matrix: AIR

Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-47-6	o-Xylene	2.62		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	2.62		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	2.72		1.02	1.02	r
91-20-3	Naphthalene	1.00	U J	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U J	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U J	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-12
SDG No.:	GCS24309	Lab Sample ID:	CS24320	
Canister:	19887	Lab File ID:	1210_20.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/11/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.419		0.202	0.202	r
74-87-3	Chloromethane	0.716		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	26.6	S	J 0.531	0.531	r
67-64-1	Acetone	4.97	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.450		0.178	0.178	r
67-63-0	Isopropylalcohol	4.20	S	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U J	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.364		0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs
SDG No.:	GCS24309	Lab Sample ID:	CS24320
Canister:	19887	Lab File ID:	1210_20.D
Instrument:	CHEM20	Column:	RTX-1 60M
Purge Volume	200	(cc)	12/10/24
Matrix:	AIR	Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.077		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	SS-21 5X
SDG No.:	GCS24309	Lab Sample ID:	CS24321 5X	
Canister:	49209	Lab File ID:	1210_28.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/11/24	
Matrix:	AIR	Dilution Factor:	5	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	352	ES	J 2.66	2.66	r
67-64-1	Acetone	28.1	S	2.11	2.11	r
75-69-4	Trichlorofluoromethane	5.68		0.891	0.891	r
67-63-0	Isopropylalcohol	54.2	S	J 2.04	2.04	r
107-13-1	Acrylonitrile	2.31	UJ	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	5.28		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	11.1		1.70	1.70	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.56		1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	2.50		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.15	U	1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.02	U	1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.10		1.02	1.02	r
91-20-3	Naphthalene	1.00	UJ	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client: LABELLA Lab: Phoenix Env. Labs

SDG No.: GCS24309 Lab Sample ID: CS24321 5X

Canister: 49209 Lab File ID: 1210_28.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/10/24

Purge Volume 200 (cc) Date Analyzed: 12/11/24

Matrix: AIR Dilution Factor: 5

SS-21 5X

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	UJ	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.385		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
179601-23-1	m,p-Xylene(sim)	1.91		1.15	1.15	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	UJ	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-9
SDG No.:	GCS24309	Lab Sample ID:	CS24322	
Canister:	28569	Lab File ID:	1210_21.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/11/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.410		0.202	0.202	r
74-87-3	Chloromethane	0.644		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	14.2	S	J 0.531	0.531	r
67-64-1	Acetone	7.07	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.584		0.178	0.178	r
67-63-0	Isopropylalcohol	4.21	S	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	J 0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	J 0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24322</u>
Canister:	<u>28569</u>	Lab File ID:	<u>1210_21.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/11/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.075		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U J	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: 1,4-Dioxane is qualified as non-detect estimate "UJ" value due to recovery above limits within laboratory control sample CS24309. Due to %D results above laboratory limits of several analytes within CCV(batch 761941), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-1
SDG No.:	GCS24309	Lab Sample ID:	CS24323	
Canister:	19960	Lab File ID:	1210_22.D	
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/11/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.369		0.202	0.202	r
74-87-3	Chloromethane	0.855		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	1120	ES	J 0.531	0.531	r
67-64-1	Acetone	6.11	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	1.03		0.178	0.178	r
67-63-0	Isopropylalcohol	3.59	S	J 0.407	0.407	r
107-13-1	Acrylonitrile	0.461	UJ	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	1.23		0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.532		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
67-66-3	Chloroform	1.52		0.205	0.205	r
141-78-6	Ethyl acetate	7.11		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.974		0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.286		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.362		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.323		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	UJ	0.200	0.200	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24323</u>
Canister:	<u>19960</u>	Lab File ID:	<u>1210_22.D</u>
Instrument:	<u>CHEM20</u>	Column:	<u>RTX-1 60M</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/11/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.085		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.116		0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	UJ	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	UJ	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Reviewer Comment: Ethanol and Ethyl acetate are qualified as estimate "J" value due to recovery above limits within laboratory control sample CS24324. Due to %D results above laboratory limits of several analytes within CCV (batch 761915), analytes are qualified as a non-detect estimate or estimate "UJ/J" value within sample.

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	LABELLA	Lab:	Phoenix Env. Labs	IA-18
SDG No.:	GCS24309	Lab Sample ID:	CS24324	
Canister:	23318	Lab File ID:	1210_23.D	
Instrument:	CHEM24	Column:	RTX-1	Date Received:
				12/10/24
Purge Volume	200 (cc)	Date Analyzed:	12/10/24	
Matrix:	AIR	Dilution Factor:	1	

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.383		0.202	0.202	r
74-87-3	Chloromethane	0.619		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	105	ES	J 0.531	0.531	r
67-64-1	Acetone	7.04	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.465		0.178	0.178	r
67-63-0	Isopropylalcohol	13.8	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.855	J	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.231		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U J	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1
AIR ANALYSIS DATA SHEET

CLIENT ID

Client:	<u>LABELLA</u>	Lab:	<u>Phoenix Env. Labs</u>
SDG No.:	<u>GCS24309</u>	Lab Sample ID:	<u>CS24324</u>
Canister:	<u>23318</u>	Lab File ID:	<u>1210_23.D</u>
Instrument:	<u>CHEM24</u>	Column:	<u>RTX-1</u>
Purge Volume	<u>200</u> (cc)	Date Received:	<u>12/10/24</u>
Matrix:	<u>AIR</u>	Date Analyzed:	<u>12/10/24</u>
		Dilution Factor:	<u>1</u>

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.080		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.089		0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U J	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent



Appendix

Appendix A: Limited Phase II ESA

Appendix B: Confidential Figure 8: SVI Locations and Concentrations



January 25, 2023

Mr. Chuck Jesmain
Newton Plaza Associates LLC
596 New Loudon Road
Latham, NY 12110

**RE: Limited Phase II Site Investigation
Newton Plaza
596 New Loudon Road
Latham, New York 12110**

Dear Mr. Jesmain,

LaBella Associates D.P.C. (LaBella) has prepared this report to document performance of the client requested, sub-surface, investigation work and to assess the laboratory analytical data results from the performance of this investigation at the above referenced commercial property (site). The information contained herein includes a discussion of site investigation activities and presents supporting information such as a site map and laboratory analytical report. All soil and groundwater sampling was performed in accordance with applicable New York State Department of Environmental Conservation (NYSDEC) standards and testing was performed at a National Environmental Laboratory Accreditation Conference (NELAC) laboratory accredited in New York.

On January 5, 2023, LaBella advanced three (3) boings (SB-1 to SB-3) to 20-feet below grade (fbg) using a track-mounted Geoprobe® Systems direct-push machine equipped with 5-foot MacroCore® sampler and disposable polyethylene sleeves. All drill tooling was cleaned with an Alconox solution prior to arrival onsite. Overburden soil samples were retrieved in 5-foot sections for observation, documentation, and soil headspace screening of volatile organic compounds (VOCs) by photo-ionization detector (PID). A fresh air calibration was performed on the PID prior to use and the 10.6eV lamp response curve set to tetrachloroethene (PCE).

Soil encountered during sampler advancement was primarily coarse to fine sand to approximately 18 fbg. A transition to fine sand, silt, and some clay was recorded at approximately 18 fbg to the borehole terminal depth of 20 fbg. One (1) soil sample was obtained from each boring location from the soil/groundwater interface and placed into laboratory supplied glassware. No visual or olfactory impacts were noted at any borehole interval or location. PID headspace screening results recorded no detections above 0.2 parts per million (ppm). At each boring location, a 1-inch polyvinyl chloride (PVC) temporary groundwater monitoring well was installed. Monitoring well construction consisted of 15-feet of well screen with casing to grade. Soil boring locations are depicted on the attached **Figure 1**.

Groundwater monitoring wells were surveyed relative to a common site datum with an assigned elevation of 100.00 feet. The top of casing elevation was used in conjunction with depth to water (DTW) measurements to assist with determination of groundwater flow direction. The average DTW of the three newly installed wells was 5.62 fbg. Data obtained from the DTW measurements and survey indicate an easterly groundwater flow direction which contradicts expectation based upon topography. Subsequent to performance of the survey and groundwater gauging, a single sample was obtained from each monitoring well utilizing a dedicated bailer and laboratory supplied glassware.



The analytical results for samples collected on January 5, 2023, indicate compounds at concentrations below applicable New York State guidance values for soil as published in 6 NYCRR Part 375 and as published in TOGS 1.1.1 for class GA groundwater. Samples below New York State guidance values are:

- SB-1 (soil) recorded methyl ethyl ketone (MEK) at a concentration of 0.043 mg/kg (ppm). The guidance value in soil for Unrestricted Use is 0.12 mg/kg.

Note: At SB-1/MW-1, acetone was recorded in soil and groundwater at concentrations of 0.14 ppm and 4.0 ppb respectively. Albeit above NYS Guidance for soil, acetone is identified by the lab as a possible lab artifact and is therefore not considered a site related compound of concern.

- MW-2 (groundwater) recorded cis-1,2-dichloroethene (cis-DCE) at 3.0 ug/L (ppb). The guidance value in groundwater is 5.0 ug/L.
- SB-3 (soil) recorded cis-DCE at 0.015 mg/kg. The guidance value for Unrestricted Use is 0.25 mg/kg.
- MW-3 (groundwater) recorded tetrachloroethene (PCE) at a concentration of 1.9 ug/L. The guidance value for PCE in groundwater is 5.0 ug/L.

Two compounds were detected in groundwater above guidance values. A copy of the laboratory analytical report is attached.

- MW-3 (groundwater) recorded vinyl chloride and cis-1,2-dichloroethene at 5.7 ug/L (2.0 ug/L guidance value) and 29 ug/L (5.0 guidance value), respectively.

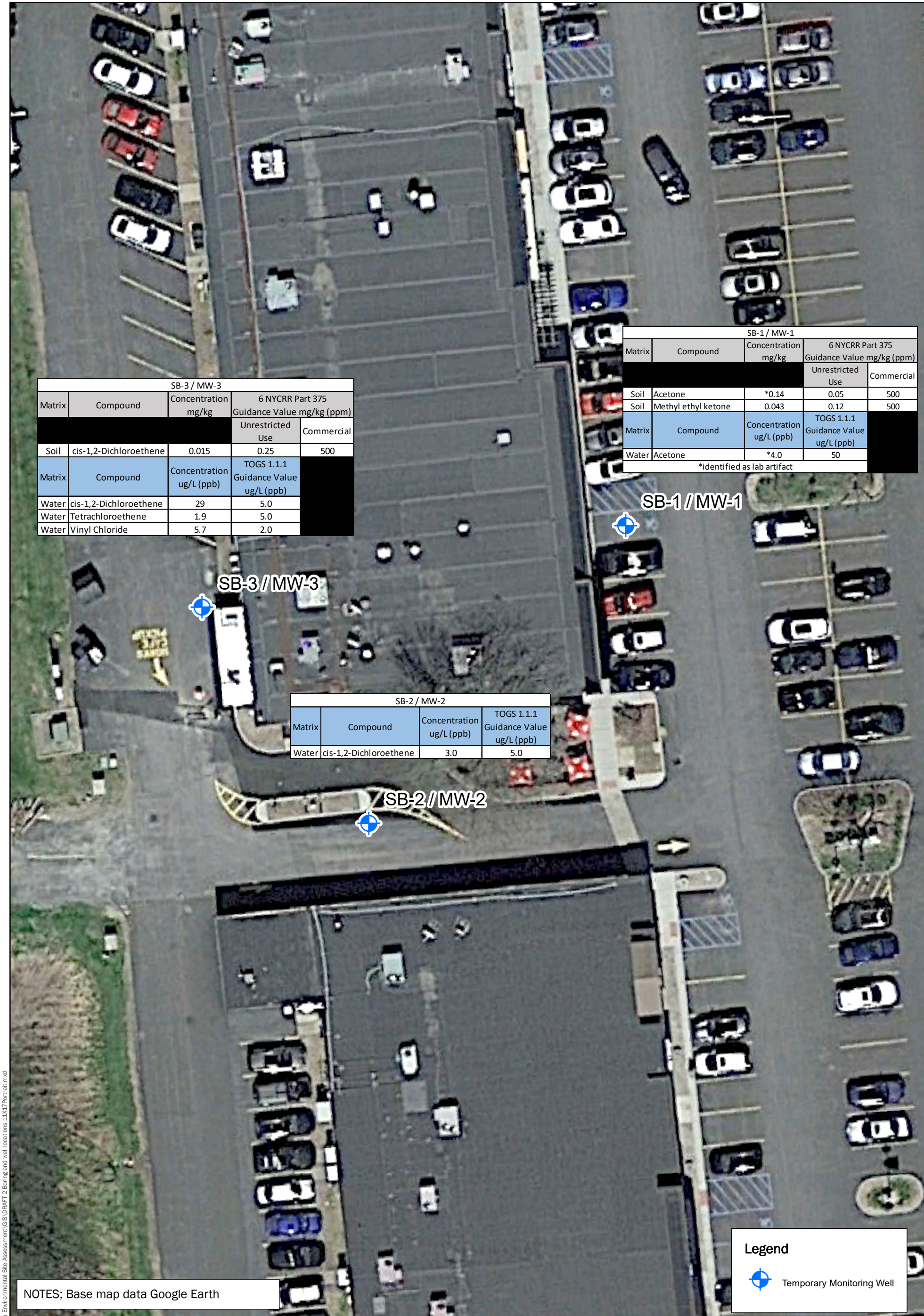
Discussion and Recommendation

The detection of relatively low-level soil and groundwater chemical concentrations are not representative of a recent release. The three chlorinated compounds (PCE, cis-DCE, vinyl chloride) and their reported concentrations are indicative of reductive dehalogenation occurring naturally. We do not recommend any additional soil or groundwater testing or remedial actions at this time because (i) the detections of such low-level concentrations are not reflective of a significant source, (ii) the detection of VOCs reflects active naturally occurring attenuation, and (iii) the area is serviced by a municipal water supply system. Although the PCE reductive “daughter compounds” vinyl chloride and cis-DCE confirm natural attenuation, the concentrations were reported above applicable NYS guidance values and as such, it is LaBella’s recommendation that indoor air sampling be performed within the Sunshine Cleaners tenant space. If this recommendation is acceptable, we will work out the details of the indoor air sampling with the client’s representative.

Respectfully submitted,

LaBella Associates

Todd Rollend
Environmental Scientist





Thursday, January 12, 2023

Attn: Mike Carr
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Project ID: NEWTON PLAZA
SDG ID: GCN18950
Sample ID#s: CN18950 - CN18955

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

January 12, 2023

SDG I.D.: GCN18950

CN18950 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

CN18951 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

CN18952 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.



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Sample Id Cross Reference

January 12, 2023

SDG I.D.: GCN18950

Project ID: NEWTON PLAZA

Client Id	Lab Id	Matrix
SB-1	CN18950	SOIL
SB-2	CN18951	SOIL
SB-3	CN18952	SOIL
MW-1	CN18953	GROUND WATER
MW-2	CN18954	GROUND WATER
MW-3	CN18955	GROUND WATER



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 12, 2023

FOR: Attn: Mike Carr
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

01/05/23 9:30
01/06/23 16:21

Time

Laboratory Data

SDG ID: GCN18950
Phoenix ID: CN18950

Project ID: NEWTON PLAZA
Client ID: SB-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		01/06/23	D	SW846-%Solid

Volatiles (TCL)

1,1,1-Trichloroethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,1-Dichloroethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,1-Dichloroethene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dibromoethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichloroethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichloropropane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
2-Hexanone	ND	L 28	ug/kg	1	01/09/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	L 28	ug/kg	1	01/09/23	JLI	SW8260C
Acetone	140	SL 57	ug/kg	1	01/09/23	JLI	SW8260C
Benzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Bromochloromethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Bromodichloromethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Bromoform	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Bromomethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Carbon Disulfide	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Carbon tetrachloride	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Chlorobenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Chloroform	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Chloromethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Cyclohexane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Dibromochloromethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Dichlorodifluoromethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Ethylbenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Isopropylbenzene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
m&p-Xylene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Methyl ethyl ketone	43	L 34	ug/kg	1	01/09/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	L 11	ug/kg	1	01/09/23	JLI	SW8260C
Methylacetate	ND	L 4.6	ug/kg	1	01/09/23	JLI	SW8260C
Methylcyclohexane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Methylene chloride	ND	L 28	ug/kg	1	01/09/23	JLI	SW8260C
o-Xylene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Styrene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Tetrachloroethene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Toluene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Total Xylenes	ND	5.7	ug/kg	1	01/09/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Trichloroethene	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Trichlorofluoromethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
Vinyl chloride	ND	L 5.7	ug/kg	1	01/09/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	95		%	1	01/09/23	JLI	70 - 130 %
% Bromofluorobenzene	91		%	1	01/09/23	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	01/09/23	JLI	70 - 130 %
% Toluene-d8	94		%	1	01/09/23	JLI	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	L 85	ug/kg	1	01/09/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

L flag signifies that this sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 12, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 12, 2023

FOR: Attn: Mike Carr
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

01/05/23 10:30
01/06/23 16:21

Time

Laboratory Data

SDG ID: GCN18950
Phoenix ID: CN18951

Project ID: NEWTON PLAZA
Client ID: SB-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80		%		01/06/23	D	SW846-%Solid

Volatiles (TCL)

1,1,1-Trichloroethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,1-Dichloroethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,1-Dichloroethene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dibromoethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichloroethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichloropropane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
2-Hexanone	ND	L 31	ug/kg	1	01/09/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	L 31	ug/kg	1	01/09/23	JLI	SW8260C
Acetone	ND	L 63	ug/kg	1	01/09/23	JLI	SW8260C
Benzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Bromochloromethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Bromodichloromethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Bromoform	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Bromomethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Carbon Disulfide	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Carbon tetrachloride	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Chlorobenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Chloroform	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Chloromethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Cyclohexane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Dibromochloromethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Dichlorodifluoromethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Ethylbenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Isopropylbenzene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
m&p-Xylene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Methyl ethyl ketone	ND	L 38	ug/kg	1	01/09/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	L 13	ug/kg	1	01/09/23	JLI	SW8260C
Methylacetate	ND	L 5.0	ug/kg	1	01/09/23	JLI	SW8260C
Methylcyclohexane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Methylene chloride	ND	L 31	ug/kg	1	01/09/23	JLI	SW8260C
o-Xylene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Styrene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Tetrachloroethene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Toluene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Total Xylenes	ND	6.3	ug/kg	1	01/09/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Trichloroethene	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Trichlorofluoromethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
Vinyl chloride	ND	L 6.3	ug/kg	1	01/09/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96		%	1	01/09/23	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	01/09/23	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	01/09/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	01/09/23	JLI	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	L 94	ug/kg	1	01/09/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

L flag signifies that this sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 12, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 12, 2023

FOR: Attn: Mike Carr
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

01/05/23
01/06/23

Time

11:30
16:21

Laboratory Data

SDG ID: GCN18950
Phoenix ID: CN18952

Project ID: NEWTON PLAZA
Client ID: SB-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	72		%		01/06/23	D	SW846-%Solid

Volatiles (TCL)

1,1,1-Trichloroethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,1-Dichloroethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,1-Dichloroethene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dibromoethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichloroethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,2-Dichloropropane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
2-Hexanone	ND	L 34	ug/kg	1	01/09/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	L 34	ug/kg	1	01/09/23	JLI	SW8260C
Acetone	ND	L 69	ug/kg	1	01/09/23	JLI	SW8260C
Benzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Bromochloromethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Bromodichloromethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Bromoform	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Bromomethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Carbon Disulfide	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Carbon tetrachloride	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Chlorobenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Chloroform	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Chloromethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
cis-1,2-Dichloroethene	15	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Cyclohexane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Dibromochloromethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Dichlorodifluoromethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Ethylbenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Isopropylbenzene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
m&p-Xylene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Methyl ethyl ketone	ND	L 41	ug/kg	1	01/09/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	L 14	ug/kg	1	01/09/23	JLI	SW8260C
Methylacetate	ND	L 5.5	ug/kg	1	01/09/23	JLI	SW8260C
Methylcyclohexane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Methylene chloride	ND	L 34	ug/kg	1	01/09/23	JLI	SW8260C
o-Xylene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Styrene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Tetrachloroethene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Toluene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Total Xylenes	ND	6.9	ug/kg	1	01/09/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Trichloroethene	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Trichlorofluoromethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
Vinyl chloride	ND	L 6.9	ug/kg	1	01/09/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	98		%	1	01/09/23	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	01/09/23	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	01/09/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	01/09/23	JLI	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	L 100	ug/kg	1	01/09/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

L flag signifies that this sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 12, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 12, 2023

FOR: Attn: Mike Carr
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

01/05/23
01/06/23

Time

12:30
16:21

Laboratory Data

SDG ID: GCN18950
Phoenix ID: CN18953

Project ID: NEWTON PLAZA
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles (TCL)</u>							
1,1,1-Trichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
2-Hexanone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Acetone	4.0	S 2.5	ug/L	1	01/07/23	MH	SW8260C
Benzene	ND	0.70	ug/L	1	01/07/23	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromodichloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Carbon Disulfide	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroform	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/07/23	MH	SW8260C
Cyclohexane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Dibromochloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methyl ethyl ketone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methylacetate	ND	5.0	ug/L	1	01/07/23	MH	SW8260C
Methylcyclohexane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methylene chloride	ND	3.0	ug/L	1	01/07/23	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Styrene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Toluene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/07/23	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	1	01/07/23	MH	70 - 130 %
% Bromofluorobenzene	97		%	1	01/07/23	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	01/07/23	MH	70 - 130 %
% Toluene-d8	108		%	1	01/07/23	MH	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	ug/l	1	01/07/23	MH	SW8260C
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Volatile Library Search Top 10 Completed

01/09/23 MH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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Phyllis Shiller, Laboratory Director

January 12, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 12, 2023

FOR: Attn: Mike Carr
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

01/05/23
01/06/23

Time

12:45
16:21

Laboratory Data

SDG ID: GCN18950
Phoenix ID: CN18954

Project ID: NEWTON PLAZA
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles (TCL)</u>							
1,1,1-Trichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
2-Hexanone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Acetone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Benzene	ND	0.70	ug/L	1	01/07/23	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromodichloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Carbon Disulfide	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroform	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
cis-1,2-Dichloroethene	3.0	1.0	ug/L	1	01/07/23	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/07/23	MH	SW8260C
Cyclohexane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Dibromochloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methyl ethyl ketone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methylacetate	ND	5.0	ug/L	1	01/07/23	MH	SW8260C
Methylcyclohexane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methylene chloride	ND	3.0	ug/L	1	01/07/23	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Styrene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Toluene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/07/23	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	1	01/07/23	MH	70 - 130 %
% Bromofluorobenzene	97		%	1	01/07/23	MH	70 - 130 %
% Dibromofluoromethane	104		%	1	01/07/23	MH	70 - 130 %
% Toluene-d8	108		%	1	01/07/23	MH	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	ug/l	1	01/07/23	MH	SW8260C
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Volatile Library Search Top 10 Completed

01/09/23 MH

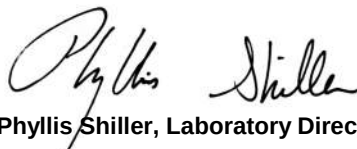
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

January 12, 2023

Reviewed and Released by: Anil Makol, Project Manager



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 12, 2023

FOR: Attn: Mike Carr
Labella Associates DPC
5 McCrea Hill Rd.,
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: LABELLA
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

01/05/23
01/06/23

Time

13:00
16:21

Laboratory Data

SDG ID: GCN18950
Phoenix ID: CN18955

Project ID: NEWTON PLAZA
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles (TCL)</u>							
1,1,1-Trichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	01/07/23	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
2-Hexanone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Acetone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Benzene	ND	0.70	ug/L	1	01/07/23	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromodichloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Carbon Disulfide	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroform	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
cis-1,2-Dichloroethene	29	1.0	ug/L	1	01/07/23	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/07/23	MH	SW8260C
Cyclohexane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Dibromochloromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methyl ethyl ketone	ND	2.5	ug/L	1	01/07/23	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methylacetate	ND	5.0	ug/L	1	01/07/23	MH	SW8260C
Methylcyclohexane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Methylene chloride	ND	3.0	ug/L	1	01/07/23	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Styrene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Tetrachloroethene	1.9	1.0	ug/L	1	01/07/23	MH	SW8260C
Toluene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/07/23	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/07/23	MH	SW8260C
Vinyl chloride	5.7	1.0	ug/L	1	01/07/23	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	1	01/07/23	MH	70 - 130 %
% Bromofluorobenzene	96		%	1	01/07/23	MH	70 - 130 %
% Dibromofluoromethane	103		%	1	01/07/23	MH	70 - 130 %
% Toluene-d8	109		%	1	01/07/23	MH	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	ug/l	1	01/07/23	MH	SW8260C
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Volatile Library Search Top 10

Completed

01/09/23

MH

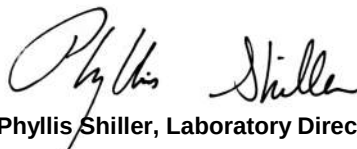
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

January 12, 2023

Reviewed and Released by: Anil Makol, Project Manager

CLIENT ID

MW-1

Client: LABELLA

SAS No.:

SDG No.: GCN1895(

Lab Sample ID: CN18953

Lab File ID: 0107_11.D

Date Received: 01/06/23

Date Analyzed: 01/07/23

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

MW-2

Page 23 of 32

CLIENT ID

MW-3

Client: LABELLA

SAS No.:

SDG No.: GCN1895(

Lab Sample ID: CN18955

Lab File ID: 0107_13.D

Date Received: 01/06/23

Date Analyzed: 01/07/23

Dilution Factor: 1

Soil Aliquot Vol (uL): n.a.

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

[illegible]

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.



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QA/QC Report

January 12, 2023

QA/QC Data

SDG I.D.: GCN18950

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 659246 (ug/kg), QC Sample No: CN18827 (CN18950, CN18951, CN18952)										
Volatiles - Soil (Low Level)										
1,1,1-Trichloroethane	ND	5.0	106	108	1.9	108	108	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	98	95	3.1	96	94	2.1	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	106	105	0.9	104	102	1.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	93	104	11.2	107	107	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	110	110	0.0	98	98	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	107	108	0.9	96	92	4.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	110	111	0.9	95	92	3.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	103	103	0.0	99	96	3.1	70 - 130	30
1,2-Dibromoethane	ND	5.0	103	103	0.0	102	101	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	103	106	2.9	99	99	0.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	99	98	1.0	98	98	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	106	107	0.9	105	105	0.0	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	106	108	1.9	99	99	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	104	106	1.9	98	97	1.0	70 - 130	30
1,4-dioxane	ND	100	97	102	5.0	161	196	19.6	70 - 130	30 m
2-Hexanone	ND	25	95	91	4.3	87	85	2.3	70 - 130	30
4-Methyl-2-pentanone	ND	25	103	99	4.0	98	96	2.1	70 - 130	30
Acetone	ND	10	103	103	0.0	125	122	2.4	70 - 130	30
Benzene	ND	1.0	107	108	0.9	103	107	3.8	70 - 130	30
Bromochloromethane	ND	5.0	107	104	2.8	107	105	1.9	70 - 130	30
Bromodichloromethane	ND	5.0	107	108	0.9	105	104	1.0	70 - 130	30
Bromoform	ND	5.0	108	107	0.9	98	102	4.0	70 - 130	30
Bromomethane	ND	5.0	101	96	5.1	100	99	1.0	70 - 130	30
Carbon Disulfide	ND	5.0	110	111	0.9	94	97	3.1	70 - 130	30
Carbon tetrachloride	ND	5.0	106	110	3.7	107	125	15.5	70 - 130	30
Chlorobenzene	ND	5.0	104	105	1.0	103	103	0.0	70 - 130	30
Chloroethane	ND	5.0	117	114	2.6	115	118	2.6	70 - 130	30
Chloroform	ND	5.0	100	100	0.0	102	102	0.0	70 - 130	30
Chloromethane	ND	5.0	103	104	1.0	100	98	2.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	106	108	1.9	107	107	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	114	115	0.9	110	109	0.9	70 - 130	30
Cyclohexane	ND	5.0	110	111	0.9	107	110	2.8	70 - 130	30
Dibromochloromethane	ND	3.0	110	109	0.9	104	106	1.9	70 - 130	30
Dichlorodifluoromethane	ND	5.0	104	107	2.8	98	95	3.1	70 - 130	30
Ethylbenzene	ND	1.0	106	109	2.8	47	115	84.0	70 - 130	30 m,r
Isopropylbenzene	ND	1.0	109	112	2.7	103	110	6.6	70 - 130	30
m&p-Xylene	ND	2.0	107	108	0.9	64	111	53.7	70 - 130	30 m,r
Methyl ethyl ketone	ND	5.0	89	85	4.6	83	75	10.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	92	91	1.1	102	99	3.0	70 - 130	30
Methylacetate	ND	5.0	91	88	3.4	88	102	14.7	70 - 130	30
Methylcyclohexane	ND	5.0	102	106	3.8	91	99	8.4	70 - 130	30

QA/QC Data

SDG I.D.: GCN18950

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methylene chloride	ND	5.0	106	105	0.9	101	102	1.0	70 - 130	30	
o-Xylene	ND	2.0	112	111	0.9	73	115	44.7	70 - 130	30	r
Styrene	ND	5.0	110	111	0.9	107	107	0.0	70 - 130	30	
Tetrachloroethene	ND	5.0	109	110	0.9	105	102	2.9	70 - 130	30	
Toluene	ND	1.0	109	111	1.8	59	117	65.9	70 - 130	30	m,r
trans-1,2-Dichloroethene	ND	5.0	103	102	1.0	108	107	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	117	115	1.7	111	110	0.9	70 - 130	30	
Trichloroethene	ND	5.0	108	109	0.9	106	105	0.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	109	110	0.9	103	104	1.0	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	98	100	2.0	87	86	1.2	70 - 130	30	
Vinyl chloride	ND	5.0	104	105	1.0	102	102	0.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	95	%	100	101	1.0	101	99	2.0	70 - 130	30	
% Bromofluorobenzene	98	%	98	98	0.0	100	100	0.0	70 - 130	30	
% Dibromofluoromethane	102	%	100	98	2.0	98	98	0.0	70 - 130	30	
% Toluene-d8	96	%	101	100	1.0	101	101	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 659149 (ug/L), QC Sample No: CN18953 (CN18953, CN18954, CN18955)

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	1.0	110	96	13.6				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	110	108	1.8				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	116	102	12.8				70 - 130	30	
1,1-Dichloroethane	ND	1.0	114	103	10.1				70 - 130	30	
1,1-Dichloroethene	ND	1.0	114	99	14.1				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	109	104	4.7				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	105	101	3.9				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	105	105	0.0				70 - 130	30	
1,2-Dibromoethane	ND	1.0	107	104	2.8				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	106	97	8.9				70 - 130	30	
1,2-Dichloroethane	ND	1.0	107	91	16.2				70 - 130	30	
1,2-Dichloropropane	ND	1.0	123	100	20.6				70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	106	98	7.8				70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	105	95	10.0				70 - 130	30	
1,4-dioxane	ND	100	107	102	4.8				70 - 130	30	
2-Hexanone	ND	5.0	103	107	3.8				70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	115	106	8.1				70 - 130	30	
Acetone	ND	5.0	105	112	6.5				70 - 130	30	
Benzene	ND	0.70	116	93	22.0				70 - 130	30	
Bromochloromethane	ND	1.0	106	99	6.8				70 - 130	30	
Bromodichloromethane	ND	0.50	119	98	19.4				70 - 130	30	
Bromoform	ND	1.0	104	101	2.9				70 - 130	30	
Bromomethane	ND	1.0	94	88	6.6				70 - 130	30	
Carbon Disulfide	ND	1.0	105	91	14.3				70 - 130	30	
Carbon tetrachloride	ND	1.0	133	111	18.0				70 - 130	30	i
Chlorobenzene	ND	1.0	107	98	8.8				70 - 130	30	
Chloroethane	ND	1.0	111	96	14.5				70 - 130	30	
Chloroform	ND	1.0	111	101	9.4				70 - 130	30	
Chloromethane	ND	1.0	109	99	9.6				70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	111	100	10.4				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	123	102	18.7				70 - 130	30	
Cyclohexane	ND	5.0	122	97	22.8				70 - 130	30	

QA/QC Data

SDG I.D.: GCN18950

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibromochloromethane	ND	0.50	106	101	4.8				70 - 130	30
Dichlorodifluoromethane	ND	1.0	98	83	16.6				70 - 130	30
Ethylbenzene	ND	1.0	110	100	9.5				70 - 130	30
Isopropylbenzene	ND	1.0	111	100	10.4				70 - 130	30
m&p-Xylene	ND	1.0	110	101	8.5				70 - 130	30
Methyl ethyl ketone	ND	5.0	109	107	1.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	106	105	0.9				70 - 130	30
Methylacetate	ND	2.5	112	119	6.1				70 - 130	30
Methylcyclohexane	ND	1.0	104	94	10.1				70 - 130	30
Methylene chloride	ND	1.0	107	102	4.8				70 - 130	30
o-Xylene	ND	1.0	110	100	9.5				70 - 130	30
Styrene	ND	1.0	112	105	6.5				70 - 130	30
Tetrachloroethene	ND	1.0	114	92	21.4				70 - 130	30
Toluene	ND	1.0	122	100	19.8				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	110	101	8.5				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	118	100	16.5				70 - 130	30
Trichloroethene	ND	1.0	105	95	10.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	111	93	17.6				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	102	81	23.0				70 - 130	30
Vinyl chloride	ND	1.0	118	105	11.7				70 - 130	30
% 1,2-dichlorobenzene-d4	103	%	102	102	0.0				70 - 130	30
% Bromofluorobenzene	96	%	99	100	1.0				70 - 130	30
% Dibromofluoromethane	103	%	100	102	2.0				70 - 130	30
% Toluene-d8	96	%	110	100	9.5				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

January 12, 2023

Thursday, January 12, 2023

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCN18950 - LABELLA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Analysis Comments

January 12, 2023

SDG I.D.: GCN18950

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM14 01/09/23-1: CN18950, CN18951, CN18952

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 24% (20%), Bromoform 21% (20%), Chloroethane 28% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM23 01/07/23-1: CN18953, CN18954, CN18955

The following Initial Calibration compounds did not meet RSD% criteria: Chloroethane 25% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.075 (0.1)

The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.



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NY Temperature Narration

January 12, 2023

SDG I.D.: GCN18950

The samples in this delivery group were received at 1.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

GCN 18950

Shannon Wilhelm

From: Sample Receiving - Phoenix Labs
Sent: Friday, January 6, 2023 10:14 PM
To: Lori Bailey; Shannon Wilhelm
Subject: FW: [Ext] Phoenix Labs - GCN18950, NEWTON PLAZA - COC Acknowledgement
Attachments: Sample Acknowledgement.pdf

From: Rollend, Todd <TRollend@LaBellaPC.com>
Sent: Friday, January 6, 2023 10:13:23 PM (UTC-05:00) Eastern Time (US & Canada)
To: Sample Receiving - Phoenix Labs <samlereceiving@phoenixlabs.com>
Subject: Re: [Ext] Phoenix Labs - GCN18950, NEWTON PLAZA - COC Acknowledgement

Please do not run analytical on the TB.

Sent from my iPhone

On Jan 6, 2023, at 10:08 PM, SampleReceiving@phoenixlabs.com wrote:

This is an automated sample acknowledgement.

If you were issued a Phoenix Price Quote # for this SDG and it was not listed on the chain, please email client services with the quote number so we can ensure proper invoicing. If no quote was issued, no further action is required.

If you have a PO# that is required for this SDG, and you need it listed on your invoice please email client services so we can be sure to get the PO# listed on the invoice. If no PO# is required, no further action is required.

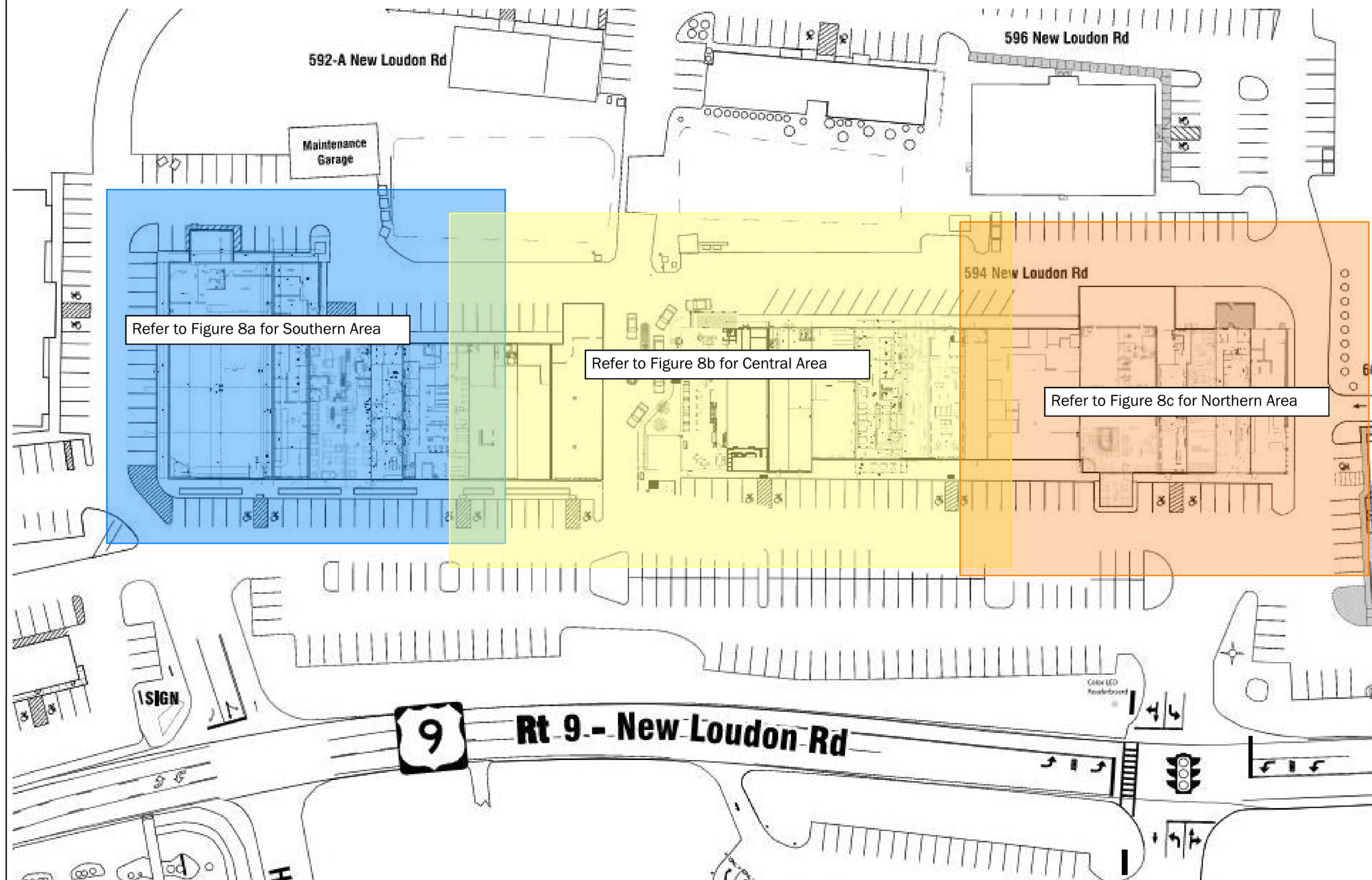
Samples Will Be Disposed After: 30 Days

GCN18950 Criteria:
None.

Please email client services only if you require criteria different than what is listed.

Delivery group GCN18950 (NEWTON PLAZA) has been logged in for the following samples:

Phoenix Id	Client Id
CN18950	SB-1
CN18951	SB-2
CN18952	SB-3
CN18953	MW-1
CN18954	MW-2

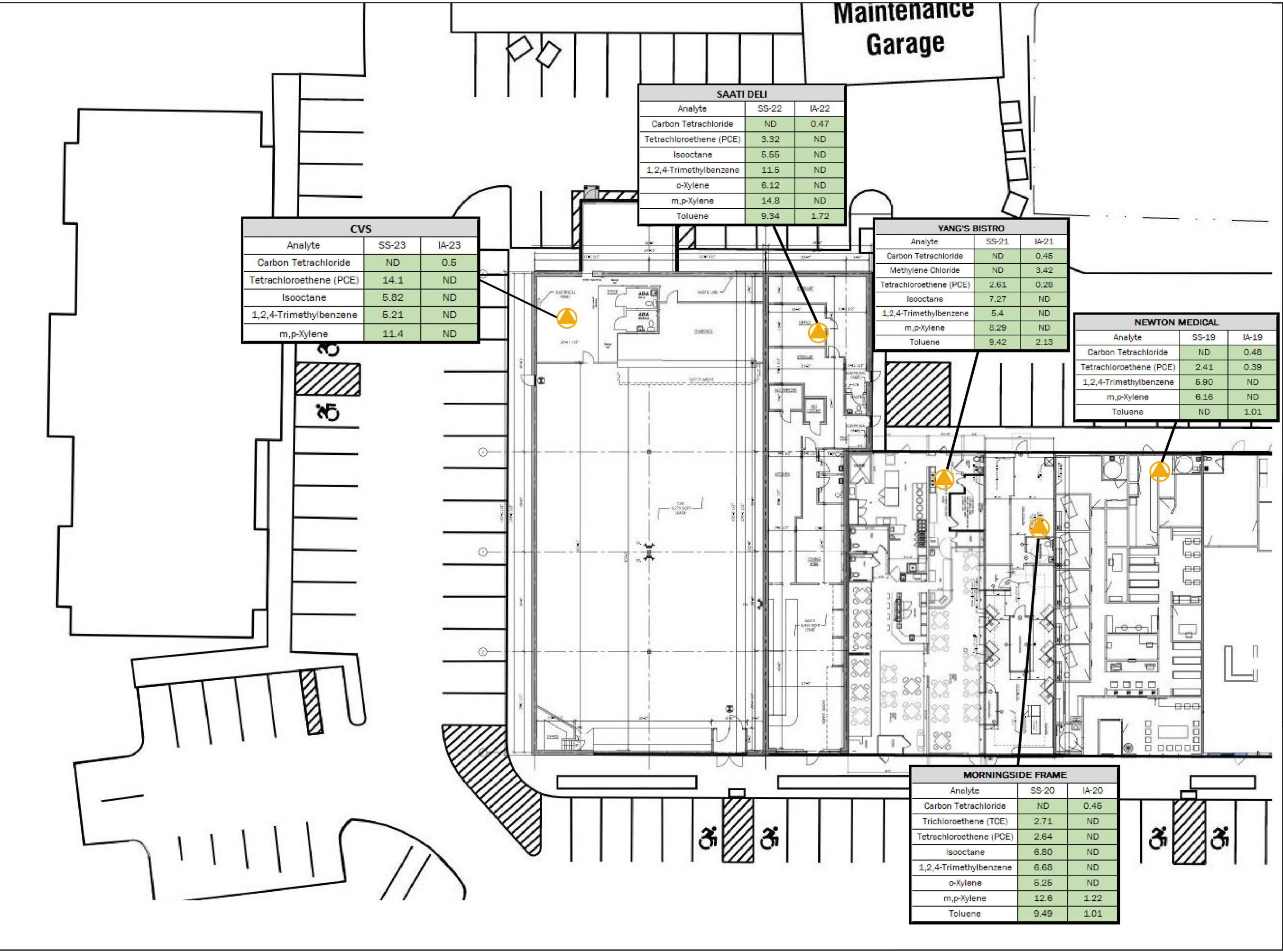


LaBella Project No: 2243806

Date: 2025

11" x 17"

Figure 8: SVI Map Key

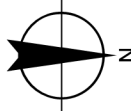


Legend:

 SVI Sampling Point
Location

NYSDOH Guidance

2.19	No Further Action
1.05	Identify/Resample/Mitigate
0.53	Monitor
0.62	Mitigate



LaBella Project No: 2243806

Date: 2025

11" x 17"

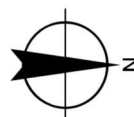
Figure 8a:
Southern Area

Legend:



NYSDOH Guidance

2.19	No Further Action
1.05	Identify/Resample/Mitigate
0.53	Monitor
0.62	Mitigate

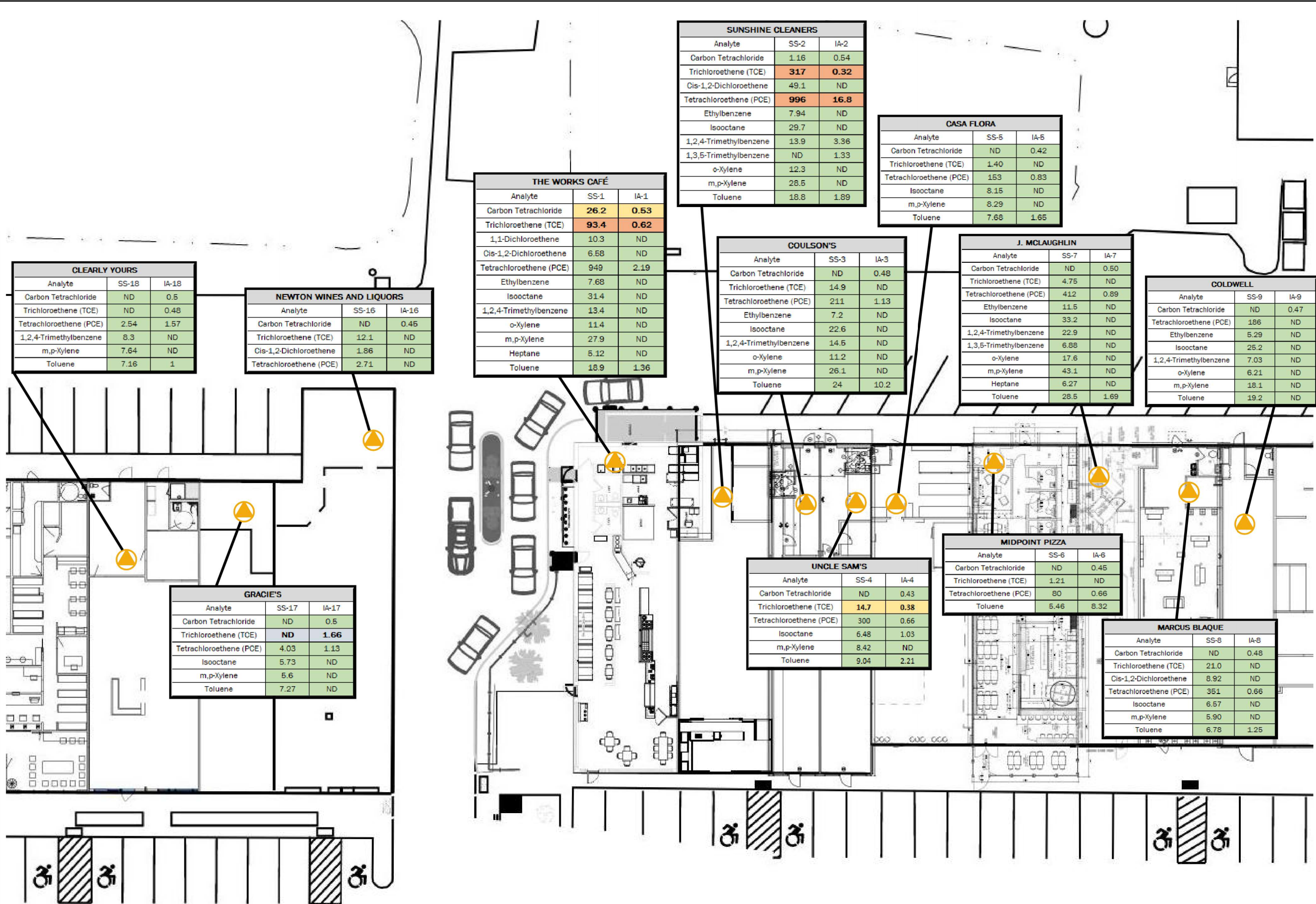


LaBella Project No: 2243806

Date: 2025

11" x 17"

Figure 8b:
Central Area

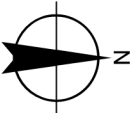


Legend:



NYSDOH Guidance

2.19	No Further Action
1.05	Identify/Resample/Mitigate
0.53	Monitor
0.62	Mitigate



LaBella Project No: 2243806

Date: 2025

11" x 17"

Figure 8c:
Northern Area

