RELEASE ABATEMENT MEASURE STATUS REPORT

10-50 Main Street
Ashland, MA
MassDEP RTN 3-15917

Prepared for:
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Prepared by:
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1 INTRODUCTION

1.0 INTRODUCTION

Campbell Environmental Incorporated (CEI) prepared this Release Abatement Measure (RAM) Plan status report on behalf of Ashland Properties, LLC (Ashland Properties). This report describes response actions conducted since the last RAM status report was prepared in July 2025. Ashland Properties has been working with the Town of Ashland to obtain the necessary permits for construction. Although progress was made in permitting during the last six months, permitting is not complete. Ashland Properties LLC anticipates that permitting for this project may take an additional six months or longer. Ashland Properties proposes to undertake response actions according to the schedule outlined in Section 3.8 of this report. This plan describes the proposed response actions for the site located at 10-50 Main Street, Ashland, Massachusetts. The plan incorporates comments provided by the Massachusetts Department of Environmental Protection (MassDEP) and the USEPA.

The site is listed under Release Tracking Number (RTN) 3-15917. The site was closed in 2011 via submittal of a Class A3 Response Action Outcome (Permanent Solution Statement with Conditions - PSC). An Activity and Use Limitation (AUL) was filed in May 2011 restricting residential, day care and school use at the site.

The site consists of approximately 7.79 acres of land identified on the Town of Ashland Assessors Map as parcel 0140-0128. The site is largely occupied by an interconnected commercial building and paved parking. Historical uses of the property included a textile mill and manufacturing. The site is currently occupied by commercial and warehousing tenants.

Ashland Properties intends to conduct response actions sufficient to allow future residential use at the site. Following the completion of response actions a new AUL will be filed along with a revised Permanent Solution Statement (PSS) and Risk Assessment.

Ashland Properties plans to renovate the existing site property for mixed use commercial and residential development. As part of their redevelopment plan, a ground floor open air parking garage will be constructed. The new building will not include a basement. Residential development will occur above the parking garage. There are no plans to utilize the 10 Main Street building for residential development. Note that the building design plans are subject to change due to permitting requirements. The construction of a ground floor/open air garage and the installation of vapor barriers will mitigate the potential for vapor intrusion. A plan for the proposed vapor barrier installation is attached. Construction of approximately 2,540 square feet of service/storage/utility rooms in the open-air garage is also planned. Installation of vapor barriers is proposed in these ground floor garage service/storage/utility rooms and during renovation of the 10 Main Street building. Vapor barriers will be installed in all ground floor enclosed rooms. Following the installation of the vapor barriers, indoor air testing for chlorinated volatile organic compounds (cVOCs) will be conducted. Limited soil excavation is planned to install footings and new utilities. Field screening of soils with a photoionization detector (PID) will occur during excavation. To the extent feasible, if elevated volatile organic

compound impacts are detected during excavation (e.g. field screening results above 100 ppmv) then soils will be segregated for proper disposal. The majority of the final site configuration will be paved or covered by parking garage.

This information is provided in accordance with the Massachusetts Contingency Plan (MCP) 310 CMR 40.0444. Figures, including a MassGIS Priority Resource Map, a Locus Map. Detailed Site Plans will be submitted to MassDEP once the final design has been completed.

2 SITE CHARACTERISTICS

2.1 Site Contacts

Persons responsible for the RAM include the following:

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2.2 Site Location, Description and Operations

The attached MassDEP GIS Priority Resource Map and Site Locus Map identifies the site on the Framingham, Massachusetts 15-minute series topographic quadrangle map published by the United States Geological Survey (USGS).

The site consists of approximately 7.79 acres of land identified on the Town of Ashland Assessors Map as parcel 0140-0128. The site is largely occupied by an interconnected commercial building and paved parking. Historical uses of the property included a textile mill and manufacturing. The site is currently occupied by commercial and warehousing tenants.

The subject site includes groundwater and soils impacted by OHM. As described in the previous PSC, the site is impacted by on site historical releases of Oil and Hazardous Materials (OHM) including cVOCs, metals and PCBs. The site is also impacted by releases of OHM derived from the upgradient Nyanza Superfund Site. A map of the Nyanza site, prepared by the EPA, illustrating the subject site, is attached. Groundwater at the site is impacted by OHM releases derived from the Nyanza site.

2.3 Site Hydrology and Sensitive Receptors

2.3.1 Surficial Geology and Soils

Based on data collected during subsurface investigations, soils beneath the site consist of historical fill materials underlain by sand and gravel. The Sudbury River is located immediately northwest of the site. The groundwater flow direction is northwest, towards the Sudbury River.

2.3.2 SENSITIVE RECEPTORS

The site is currently occupied by commercial and warehousing tenants and is largely covered by pavement and building. The site is located in a mixed use commercial and residential area in Ashland. The Sudbury River is downgradient of the site. Note that a retaining wall, located north of the site, separates the Sudbury River bank from the paved parking area. Residential properties are not downgradient. No potable wells are located within 500 feet of the site. The site is not located within a designated Zone II groundwater recharge area or IWPA, Zone A of a Class A Surface Water or Potential Drinking Water Source Area. In accordance with the MCP, site groundwater is not designated as GW-1 (protective of drinking water). The Sudbury River is north and west of the site. Potential impacts to the Sudbury River have been investigated as part of the assessment at the Nyanza superfund site.

cVOC impacted groundwater is located within 30 feet of the on-site occupied commercial buildings and is less than 15 feet below surface grade. Groundwater at the site is therefore designated as GW-2 and GW-3. Vapor intrusion risk was evaluated during the 2011 Response Action Outcome (PSC/RAO/site closure) Statement. Based on the shallow depth to groundwater and the VOCs present in groundwater, a potential exists for exposure to VOCs in the indoor air through the vapor exposure pathway. Response actions including construction of an open-air garage and installation of vapor barriers are proposed to reduce the potential risk to future on site occupants.

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3.0 RAM

3.1 RAM OBJECTIVE AND ACTIVITIES

The objective of the RAM is to conduct additional response actions to allow for commercial and residential use of the property and to properly manage impacted soil and groundwater encountered during excavation. Following the response actions, a new Activity and Use Limitation and revised Permanent Solution Statement and Risk Assessment will be filed with MassDEP. Additional response actions will include the installation of vapor barriers to mitigate potential vapor intrusion. The vapor barriers will be installed in the service/storage/utility rooms in the open-air garage and in the 10 Main Street building. Note that due to permitting, the layout of the buildings may change, however Ashland Properties intends to install vapor barriers in all interior ground floor spaces that are not open-air parking. Following the construction of the parking garage and installation of the vapor barriers, a minimum of two rounds of indoor air sampling will be conducted via summa canisters and the EPA TO-15 Method. In addition, a limited quantity of soil will be excavated when subsurface utilities and footings are installed. Soil quality will be assessed via field screening with a calibrated photo ionization detector (PID) via the jar headspace technique and sampling for VOCs. The RAM is proposed to reduce potential risks to human health, safety, public welfare, and the environment. The proposed RAM activities are further described below. RAM activities likely are expected to commence in late 2026 or 2027.

3.2 CONCEPTUAL SITE MODEL

As documented under RTN 3-15917, OHM, including tetrachloroethylene, (PCE) and associated daughter products and metals likely were released on site due to historical use of the property. The site groundwater is also impacted by OHM, including VOCs derived from the upgradient Nyanza superfund site. Over time, these VOCs are likely to decline in concentration due to cleanup at the Nyanza site and the natural attenuation of VOCs. Prior indoor air sampling in the current site buildings conducted by both the USEPA and ARCADIS (prior consultant) indicated that VOCs concentrations in indoor air are acceptable for commercial uses. Additional response actions, including the construction of an open-air ground floor parking garage and installation of vapor barriers, will be conducted so that the site may be used for residential purposes. Following construction, the great majority of the site will be covered by garage, building or asphalt paved roadways and parking. With the exception of 10 Main Street, all residential development will occur over the open-air parking garage. No ground floor residential developments are proposed. Following completion of the response actions, a new AUL will be filed. A draft AUL will be provided to the MassDEP prior to recording the AUL. The new AUL will include limitations on ground floor residential development and require LSP oversight during future management of soil at the site. Following the completion of the response actions, a revised PSC and risk assessment will be prepared.

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3.3 SOIL ASSESSMENT AND MANAGEMENT

Activities that may be conducted under this RAM include field screening of soils, soil excavation, stockpiling of soil, post excavation sampling of soils for laboratory analysis, soil classification sampling and subsequent transportation of the soil to an authorized disposal facility. Excavation for footings, utilities or lighting fixtures likely is not expected to exceed ten feet below surface grade. Prior to and during construction, three monitoring wells, previously installed by the USEPA, will be protected by steel plates and protective concrete barriers. An excavator or backhoe will be used to advance excavations. As needed, haybales and absorbent booms will be installed to prevent migration of sediment and water to storm sewers and surface water. Dewatering of groundwater is not currently planned although a limited quantity of groundwater or rainwater may be recovered for disposal at a licensed facility. If needed, the recovered groundwater or rainwater will be containerized in a fractionation (frac.) tank and sampled prior to offsite disposal. Post excavation bottom and sidewall soil samples will be retained for field screening with a calibrated photoionization detector (PID) and the jar headspace technique. Select samples will be retained for VOC, metal and polyaromatic hydrocarbon laboratory analysis. When feasible, soils with elevated VOC concentrations (e.g. above 100 ppmv) will be stockpiled on plastic for preclassification sampling and subsequent disposal. The impacted soils will be stockpiled on and covered with plastic. Following post excavation sampling, the excavation will either be backfilled with clean fill and/or native excavated soils. Soils designated for off-site disposal will be sampled for waste classification and transported to an authorized facility under a Massachusetts 21E Bill of Lading (BOL) or uniform hazardous waste manifest. Up to 500 cubic yards of soil may be stockpiled and securely covered with plastic prior to transportation of this soil to an authorized facility. Note that the final redevelopment plan will include, buildings and pavement over the great majority of the site. Soils in areas of the redevelopment designated for landscaping will be sampled to insure that the concentrations of oil and hazardous materials are below Method 1 S-1 Standards. If in those landscaped areas, soil exceeds S-1 Standards, these soils will be removed and replaced by three feet of clean soils. A geomembrane marker fabric will be used to distinguish between the clean fill soil and the underlying soils.

3.4 VAPOR BARRIERS

Most of the ground floor of the new building will be open-air parking. Residential construction will not occur on the ground floor but will occur above the open-air parking garage. A 40-mil vapor intrusion barrier or equivalent will be installed under the service/storage/utility rooms on the ground floor and at the ground floor at 10 Main Street. The installation will follow manufacturers specifications. A geomembrane will also be installed below the vapor wrap barrier. Smoke testing will be conducted following installation to check for leaks in the barrier. MassDEP and USEPA will be provided with notice prior to the installation of the barriers and smoke testing. Following the smoke

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testing, a topping concrete slab will be applied to protect the vapor barrier and further reduce the potential for future vapor intrusion. Additional information concerning the vapor barrier and possible sub slab depressurization system will be included in subsequent RAM Status and/or completion reports. Following installation, a minimum of two rounds of indoor air sampling will be conducted for cVOCs via EPA method TO-15.

3.5 ENVIRONMENTAL MONITORING

The following environmental monitoring plan will be implemented during the RAM activities:

3.5.1 INDOOR AIR SAMPLING

Following the construction of the garage and installation of vapor barriers, two rounds of indoor air sampling for cVOCs will be conducted in central locations inside the building during cold weather/winter months. Sample locations will include the ground floor service/storage/utility rooms, the 10 Main Street building and select locations within the residential development. Consistent with MassDEP guidance, doors and windows will be closed for at least 24 hours prior to sampling. Sampling will occur following the construction/renovation. MassDEP and USEPA will be provided with notice prior to sampling. The air samples will be collected using laboratory supplied summa canisters via the EPA TO-15 Method over a 24-hour time period. RAM response actions will be governed by a site-specific health and safety plan.

3.5.2 EXCAVATION AIR MONITORING

Ambient air in the vicinity of the excavation area will be periodically monitored with a PID. The detection of elevated VOCs during excavation will require implementation of proper health and safety protocols and may require the temporary cessation of excavation. For VOCs, a work zone action level of 5 ppmv above ambient background over a 15-minute period will be used. In addition, soil samples collected during the assessment will be field screened with a PID via the jar headspace screening technique. Screening of soil samples during the assessment will help determine whether the objectives of the RAM have been met. Following screening, select post excavation soil samples will be retained for VOC and metals laboratory analysis.

3.5.3 DUST MONITORING

The excavation areas will be visually monitored for dust. Excavation will cease if excessive dust is detected. Air monitoring will be performed during excavation to evaluate air quality within the work area. In addition to VOCs, particulate dust monitoring will also occur. The National Ambient Air Quality Standard for particle pollution (PM_{10}; particulates < 10 microns) for a 24-hour period, of 150 micrograms per cubic meter (ug/m^3) is an appropriate action level for dust.

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If the action levels are exceeded, corrective measures will be employed to prevent exposures, to, and potential air migration of dust. Corrective measures may include the temporary suspension of excavation and/or soil handling, and/or implementation of dust control techniques (e.g. application of spray water). A real-time monitoring station will be established at the downwind property line during each day of excavation work. Airborne dust concentrations will be recorded and compared against the general PM_{10} criteria. If needed, spray water will be available to control dust. In addition, excavated soils will be securely stockpiled either in a roll off or covered with plastic at the end of each workday.

3.5.4 RUNOFF

Due to the limited size of the proposed excavations, significant runoff during field activities is considered unlikely. As needed, absorbent booms and/or hay bales will used to prevent site runoff. Stormwater catch basins will be protected by hay bales. Contaminated soils will be stockpiled on impervious surfaces or plastic and securely covered with plastic. Crushed stone will be used as needed to reduce the potential for dust in unpaved areas. Trucks will be inspected prior to leaving the site. If excessive soil is detected on the tires, the truck tires will be cleaned via scrubbing and/or spray washing with potable water. The wash water will be either contained or allowed to infiltrate into the site ground surface.

3.5.5 SECURITY

Access to the excavation areas will be restricted via temporary fencing and/or safety cones and caution tape. Only authorized personnel will be allowed access to the work areas. All work areas and stockpiles will be secured at the end of the day. Prior to the start of construction or demolition, three previously installed EPA monitoring wells will be protected by steel plates and/or protective concrete barriers. These wells are identified as MW-40Main (located in front of 30 Main Street) and RMW-405A and RMW-405B (located in the northeast corner of the rear parking lot). These monitoring wells are identified on the attached Soil Boring and Monitoring Well Location Plan Map.

3.6 PERMITS

Digsafe will be contacted at least 72-hours prior to the start of the excavation. If needed, an excavation permit will be obtained from the Town of Ashland. Ashland Properties will also obtain any other Town of Ashland permits needed for this project. These permits likely will include a construction permit and notice of intent as needed.

3.7 PUBLIC INVOLVEMENT

Notification letters were forwarded to Town of Ashland officials to inform them of the RAM Plan.

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3.8 SCHEDULE

Additional response actions including groundwater sampling are planned in the next six months.

Pending permitting, construction is likely to occur in late 2026 or 2027. Descriptions of field activities will be summarized in RAM Status reports prepared as required by the MCP. Following completion of RAM activities, a RAM Completion report will be prepared.

3.9 HEALTH AND SAFETY

RAM response actions will be governed by a site-specific health and safety plan (HASP). Ashland Properties will develop their health and safety plan for construction activities. All field sampling and LSP oversight will be performed in accordance with a HASP.

4.0 SOIL AND GROUNDWATER SAMPLING

4.1 SOIL SAMPLING/MONITORING WELL INSTALLATION

Subsurface investigations were conducted in March and April 2022. These investigations included the field screening and sampling of soils and the installation of three monitoring wells and the sampling of site groundwater. The soil investigations were conducted to assess current soil quality in the vicinity where future construction may occur. The groundwater sampling was conducted to determine if chlorinated volatile organic compounds (VOCs) currently exceeds the MassDEP GW-2 Standards.

On March 22, 2022, seven soil borings (C-1 through C-7) were advanced on site via a Geoprobe direct push drilling rig. Prior to drilling the site was premarked for Digsafe and Town of Ashland subsurface utility clearance. Drilling was conducted by a Massachusetts licensed driller, Technical Drilling Services, with oversight provided by a CEI hydrogeologist. Soil samples were collected with two-inch diameter five-foot long plastic sleeves. Note that shallow drill (approximately one to two feet below surface grade) refusal was encountered immediately east of the building at 50 Main Street. This refusal is likely due to the presence of a historic building foundation. Soil samples were continuously screened with a photoionization detector (PID) using the jar head space screening method. All jar headspace field screening results were non detected. Subsurface lithology included approximately up to five feet of historical fill underlain by predominantly fine to coarse sands and gravel. Monitoring wells MW-1, MW-2 and MW-3 were installed at boring locations C-1, C-3 and C-5. The monitoring wells were constructed with two-inch diameter PVC solid riser and well screen. The monitoring wells were completed with a surface mounted steel road box set in concrete. Subsurface lithologic logs and well construction schematics are attached. Three composite soil samples (C-1, C-3 and C-5) from 2-10 feet below grade were retained for analysis of soil preclassification parameters including VOCs, PCBs, RCRA 8 metals and semi-volatile organics. Four composite soil samples (C-2, C-4, C-6 and C-7) from 2-5 feet below grade

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were retained RCRA 8 metals and PCBs. All soil samples were collected using laboratory supplied glassware and following collection, transported on ice to a Massachusetts certified laboratory for analysis.

The laboratory analytical results indicate that these soil samples did not exceed Massachusetts Contingency Plan (MCP) S-1/GW-2/GW-3 Soil Standards. See the attached tabular results summary. See the attached figure illustrating the soil boring locations.

On July 3, 2024, two additional soil borings were advanced on site via a Geoprobe direct push drilling rig. Prior to drilling, the drill locations were premarked for Digsafe and Town of Ashland subsurface utility clearance. Drilling was conducted by Geosearch, a Massachusetts licensed driller, with oversight provided by a CEI hydrogeologist. Soil samples were collected with two-inch diameter five-foot long. plastic sleeves. Soil samples were screened with a calibrated photoionization detector (PID) via the jar headspace screening method. All jar headspace field screening results were non detected. Subsurface lithology included approximately up to five feet of historical fill underlain by predominantly fine to coarse sands and gravel. The borings were completed as monitoring wells MW-4 and MW-5. The monitoring wells were constructed with two-inch diameter PVC solid riser and well screen. The monitoring wells were completed with a surface mounted steel road box set in concrete.

4.2 GROUNDWATER SAMPLING

On April 11, 2022 groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-3. Prior to sampling, each well was gauged with an electronic interface probe capable of detecting non aqueous phase liquids (NAPL) and the depth to the water table at an accuracy of 0.01 feet or greater. No NAPL was detected during gauging or sampling. As measured from the top of the well casing, the depth to the water table ranged from 2.56 feet at MW-2 to 7.23 feet at MW-1. Following gauging, using dedicated disposable sampling tubing, all wells were purged of approximately three times the volume of water present in each well. Following purging, groundwater samples were collected using laboratory supplied sample bottles. Following collection, samples were transported on ice to a Massachusetts certified laboratory for VOC analysis.

The April 2022 groundwater analytical data indicates that chlorinated VOCs exceed MCP GW-2 Standards (protective of indoor air quality) at monitoring well MW-1 and MW-2. Specifically, trichloroethene was detected in MW-1 at 14.4 ug/l and cis-1,2 dichloroethene was detected at 29.2 ug/l in MW-1 and 67.5 ug/l at MW-2. These analytical results are generally consistent (but lower) than historical data. See the attached tabular results summary and the laboratory analytical data. See the attached figure illustrating the soil boring/monitoring well locations.

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On September 17 2022 and October 20, 2022 groundwater samples were collected from monitoring wells MW-2, and B-5 (September) and MW-1 and MW-3 (October). Note that well B-5 was not installed by CEI but was installed during prior historical site investigations. B-5 is located in close proximity to the building at 10 Main Street. Due to limited access (presence of a vehicle) two visits were needed to sample these monitoring wells. Prior to sampling, each well was gauged with an electronic interface probe capable of detecting non aqueous phase liquids (NAPL) and the depth to the water table at an accuracy of 0.01 feet or greater. NAPL was not detected during gauging or sampling. As measured from the top of the well casing, the depth to the water table ranged from 3.54 feet at MW-2 to 15.02 feet at MW-1. Following gauging, using dedicated disposable sampling tubing, all wells were purged of approximately three times the volume of water present in each well. Following purging, groundwater samples were collected using laboratory supplied sample bottles. Following collection, samples were transported on ice to a Massachusetts certified laboratory for VOC analysis.

The fall 2022 groundwater analytical data indicates that MCP GW-2 Standards (protective of indoor air quality) were exceeded at monitoring well MW-1 for trichloroethene, and at MW-2 for cis-1,2-dichloroethene. Specifically, trichloroethene was detected in MW-1 at 7.7 ug/l and cis-1,2-dichloroethene was detected at 73.6 ug/l at MW-2. No other VOCs exceeded MassDEP GW-2 groundwater standards. VOCs did not exceed any MassDEP GW-2 Standards at monitoring wells MW-3 and B-5. These analytical results are generally consistent (but generally lower) than historical data. See the attached tabular results summary.

On September 17, 2023 groundwater samples were collected from monitoring wells MW-1, MW-2 and B-5. Note that well B-5 was not installed by CEI but was installed during prior historical site investigations. B-5 is located in close proximity to the building at 10 Main Street. Due to limited access (presence of a vehicle) MW-3 was not sampled during the site visit. Prior to sampling, each well was gauged with an electronic interface probe capable of detecting non aqueous phase liquids (NAPL) and the depth to the water table at an accuracy of 0.01 feet or greater. NAPL was not detected during gauging or sampling. As measured from the top of the well casing, the depth to the water table ranged from 3.54 feet at MW-2 to 15.02 feet at MW-1. Following gauging, using dedicated disposable sampling tubing, all wells were purged of approximately three times the volume of water present in each well. Following purging, groundwater samples were collected using laboratory supplied sample bottles. Following collection, samples were transported on ice to a Massachusetts certified laboratory for VOC analysis.

The fall 2023 groundwater analytical data indicates that MCP GW-2 Standards (protective of indoor air quality) were exceeded at monitoring well MW-1 for trichloroethene, and at MW-1 and MW-2 for cis-1,2-dichloroethene. Specifically, trichloroethene was detected in MW-1 at 13.9 ug/l and cis-1,2-dichloroethene was detected at 21.4 ug/l at MW-1 and 64.1 ug/l in MW-2. No other VOCs exceeded MassDEP GW-2 groundwater standards. VOCs did not exceed any MassDEP GW-2

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Standards at monitoring well B-5. These analytical results are generally consistent (but generally lower) than historical data. See the attached tabular results summary.

On July 17 2024 groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-4. Due to vehicles limiting access, MW-3 and MW-5 were sampled on July 19, 2024. Prior to sampling, each well was gauged with an electronic interface probe capable of detecting non aqueous phase liquids (NAPL) and the depth to the water table at an accuracy of 0.01 feet or greater. NAPL was not detected during gauging or sampling. As measured from the top of the well casing, the depth to the water table ranged from 3.69 feet at MW-5 to 12.64 feet at MW-1. Following gauging, using dedicated sampling materials, all wells were purged of approximately three times the volume of water present in each well. Following purging, groundwater samples were collected using laboratory supplied sample bottles. Following collection, samples were transported on ice to a Massachusetts certified laboratory for VOC analysis.

The July 2024 groundwater analytical data indicates that MCP GW-2 Standards (protective of indoor air quality) were exceeded at monitoring well MW-1 and MW-5 for trichloroethene, and at MW-1, MW-2 and MW-3 for cis-1,2-dichloroethene and at MW-3 for vinyl chloride. Specifically, trichloroethene was detected in MW-1 at 15.6 ug/l and at MW-5 at 6.5 ug/l; cis-1,2-dichloroethene was detected at 31 ug/l at MW-1, 63 ugl in MW-2 and 32,7 ug/l in MW-3. In addition, vinyl chloride was detected at 9.8 ug/l in MW-3. No other VOCs exceeded MassDEP GW-2 groundwater standards. These analytical results are generally consistent (but generally lower) than historical data. See the attached tabular results summary.

On November 4, 2025 groundwater samples were collected from monitoring wells MW-1 and MW-5. Due to vehicles limiting access, MW-2, MW-3 and MW-4 were sampled on November 8, 2025. Prior to sampling, each well was gauged with an electronic interface probe capable of detecting non aqueous phase liquids (NAPL) and the depth to the water table at an accuracy of 0.01 feet or greater. NAPL was not detected during gauging or sampling. As measured from the top of the well casing, the depth to the water table ranged from 3.69 feet at MW-5 to 12.64 feet at MW-1. Following gauging, using dedicated sampling materials, all wells were purged of approximately three times the volume of water present in each well. Following purging, groundwater samples were collected using laboratory supplied sample bottles. Following collection, samples were transported on ice to a Massachusetts certified laboratory for cVOC analysis.

The November 2025 groundwater analytical data indicates that MCP GW-2 Standards (protective of indoor air quality) were exceeded at monitoring wells MW-1, MW-2, MW-4 and MW-5. The following compounds exceeded GW-2 standards:

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	MW-1	MW-2	MW-3	MW-5
Trichloroethene	7.5			7.2
1,4-Dichlorobenzene		5.1	20	
Chlorobenzene			140	

No other VOCs exceeded MassDEP GW-2 groundwater standards. These analytical results are generally consistent (but generally lower) than historical data. See the attached tabular results summary and the analytical laboratory report.

4.3 SOIL GAS MONITORING

On December 12, 2024, three sub-slab soil gas probes were installed through the basement foundation. A 5/8-inch diameter hammer drill was used to advance drilling. The bore hole was advanced to approximately one inch below the concrete foundation, which was approximately eight inches below basement floor grade. A Vapor Pin soil gas point was installed in soil gas points SG-1 and SG-2. Soil gas point SG-3 was competed as a temporary point by installing polyethylene tubing in the borehole to below the slab. All the points were secured in place using hydraulic cement. Each point was completed with a surface cap that may be removed prior to sampling. One apparent existing soil gas point, labeled ESG (likely installed by a prior consultant) also was identified in the basement. See the attached map illustrating the approximate locations. Note that storage and heating systems are located nearby and this area of the site is not occupied on a routine basis.

On December 19, 2024, the soil gas in SG-2 was screened with a Thermoelectron 580B PID, equipped with a 10.6 eV lamp. Prior to PID screening the point was purged of air using a Gilian GilAir Plus pump connected to the point via Teflon tubing. Sub-slab soil gas was purged at a rate of approximately 500 ml/min. After approximately 5 liters of air was purged, soil gas was collected in a Tedlar bag. The PID then was used to screen the Tedlar bag air with a non-detect measurement.

Due to the relatively close proximity of the four soil gas points, two soil gas points were selected for laboratory cVOC sampling. On December 19, 2024, using laboratory supplied canisters and flow regulators, soil gas points SG-1 and SG-3 were sampled for cVOCs via EPA method TO-15. Prior to sampling a water ‘dam’ test was conducted to verify that the cement seal is sound. The ‘dam’ test confirmed that the seal was sound. Both SG-1 and SG-3 were also purged using a GilAir Plus pump connected to the point via Teflon tubing. A three-way valve was installed in the tubing to allow for soil gas sampling via a flow regulator and air canister. Immediately following purging, the valve to the air pump was closed and the valve to the flow regulator and canister was opened. The soil gas samples were collected under vacuum over a 15-minute time period. Following collection, the soil gas samples were submitted to Phoenix Analytical Laboratories for cVOCs analysis via EPA Method TO-15. Analytical results indicate

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trichloroethene (TCE) was detected in the SG-1 and SG-3 samples at 19.1 and 46.7 ug/m3 respectively. Cis 1,2 Dichloroethene was detected in SG-3 at 7.33 ug/m3. No other cVOCs were detected in the soil gas. Note that TCE in SG-3 exceeded the MassDEP subslab residential screening values, but both TCE and 1, DCE were below the MassDEP commercial screening values. Confirmatory soil gas testing is. recommended.

The existing apparent soil gas point, labeled ESG, includes a one-inch PVC pipe set in a four-inch diameter manhole. This point was not sampled due to the unknown construction specifications. However, the headspace air in this point was monitored with a PID. Immediately after opening, Teflon tubing connected to a PID was lowered into the ESG point. The point headspace air was then monitored with the PID for approximately five minutes with a non-detect measurement.

4.4 REPRESENTATIVE EVALUATION/DATA USABILITY ASSESSMENT

Soil and groundwater sampling occurred during the RAM assessment activities. Multiple groundwater sampling events occurred at upgradient and downgradient locations. This sampling provides a representative assessment of current groundwater conditions. The recent groundwater data is generally consistent with, but lower than the prior/historical data. The groundwater and soil samples were collected using dedicated equipment and with bottles provided by the analytical laboratory. The monitoring wells were purged prior to collecting samples. All samples were properly preserved and transported to a certified laboratory for analysis using MassDEP CAM methods. The soil and groundwater laboratory analytical data were reviewed and may be used for MCP decision making with presumptive certainty. The recent soil gas samples were collected using laboratory supplied canisters and flow regulators. Soil gas points were purged prior to sampling. The samples were collected under vacuum over fifteen minutes. Note that a zero vacuum was noted at the laboratory. Although there is no indication that ambient air was collected during soil gas sampling, we recommend resampling of soil gas to provide additional site data. Resampling of groundwater is also recommended to provide further assessment of the current site conditions.

SITE
ASHLAND STATE PARK
Ashland
Industrial Waste Ponds
Magunco Hill
Wildcat Hill
Ashland Jr High Sch
OLD RR GRADE
SUDBURY
RIVER
Gravel Pits
Wildwood Cem
Bracket Reservoir (No 2)
Cold Spr Bk
PROSPECT
BADGER
FOUNTAIN

MassDEP - Bureau of Waste Site Cleanup

Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

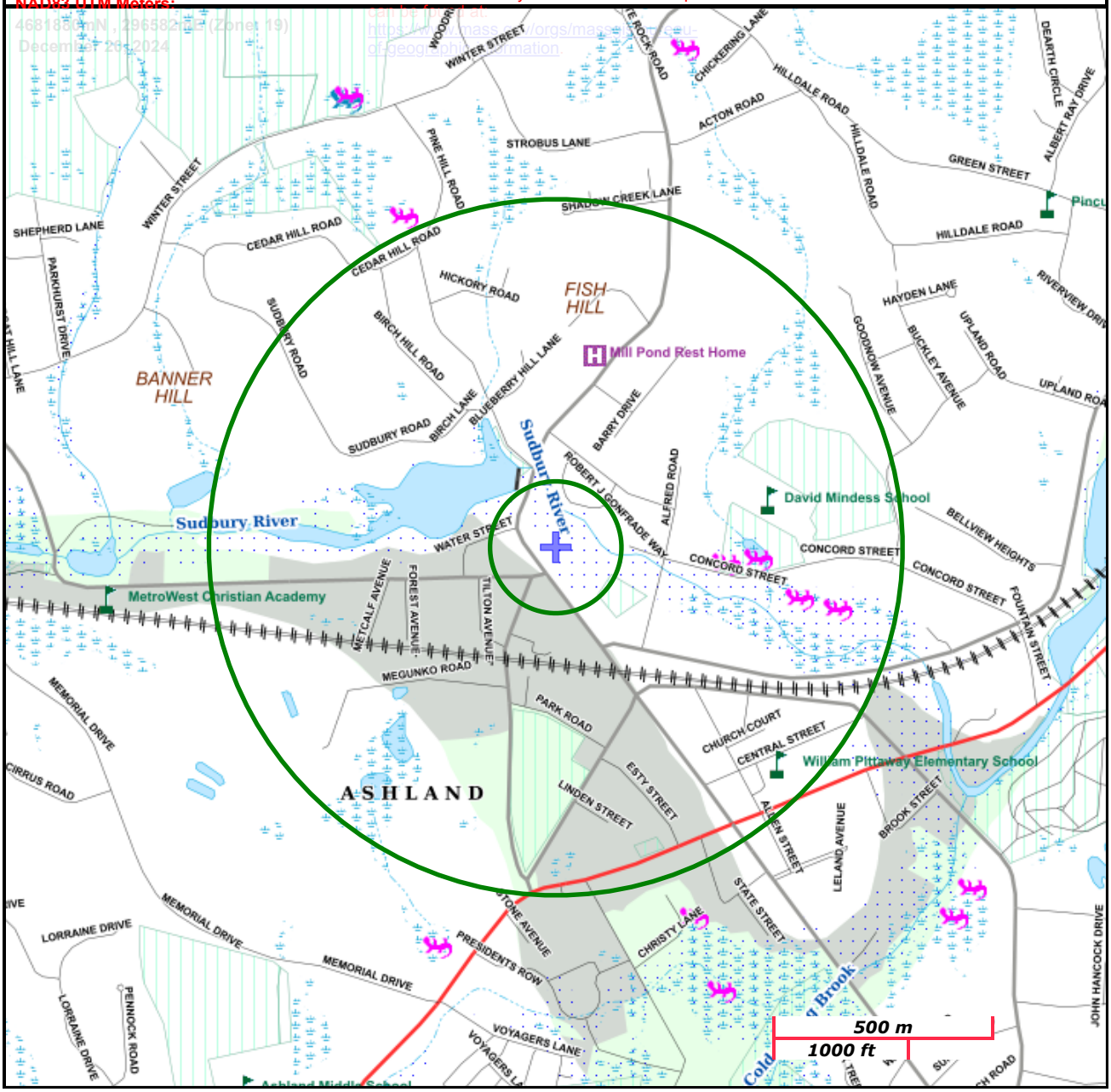
Site Information:

10 MAIN STREET ASHLAND, MA

NAD83 UTM Meters:
4681656mN, 296582.2mE (Zone 19)
December 26, 2024

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at: https://www.mass.gov/orgs/massachusetts-office-of-geographic-information

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam

Aquifers: Medium Yield, High Yield, EPA Sole Source

Non Potential Drinking Water Source Area: Medium, High (Yield)

PWS Protection Areas: Zone II, IWPA, Zone A

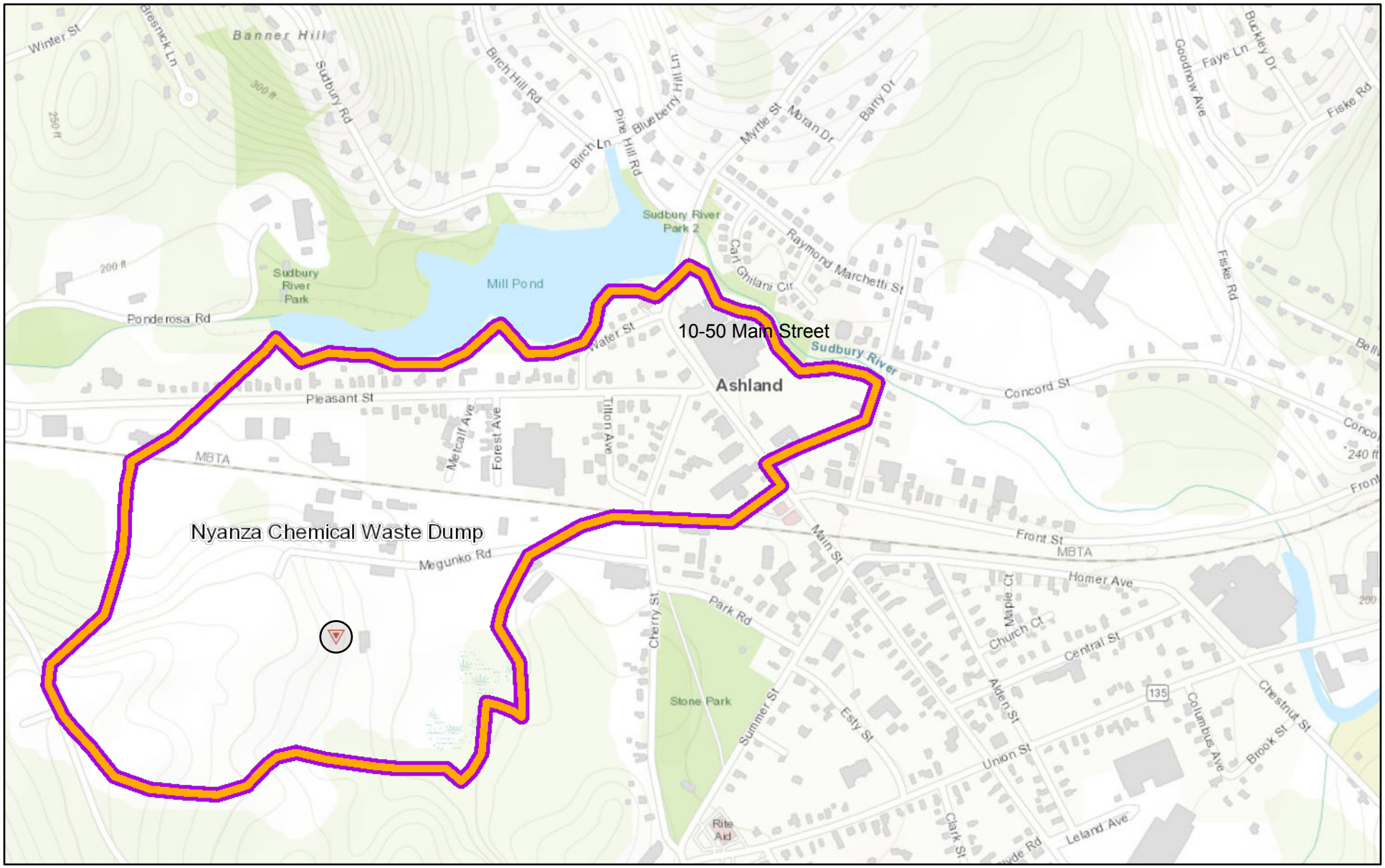
Hydrography: Open Water, PWS Reservoir, Tidal Flat

Wetlands: Freshwater, Saltwater, Cranberry Bog

FEMA 100yr Floodplain; Protected Open Space; ACEC

NHESP Pri-Hab of Rare Species; Vernal Pool: Cert., Potential

Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com.



April 28, 2020

Override 1

State Outlines

Sites

Incidents of National Significance

Federal Facility Docket/Superfund NPL/RCRA CA

Federal Facility Docket/Brownfields/RCRA CA

RCRA Corrective Action/Superfund NPL

Federal Facility Docket/Superfund NPL

1:11,313

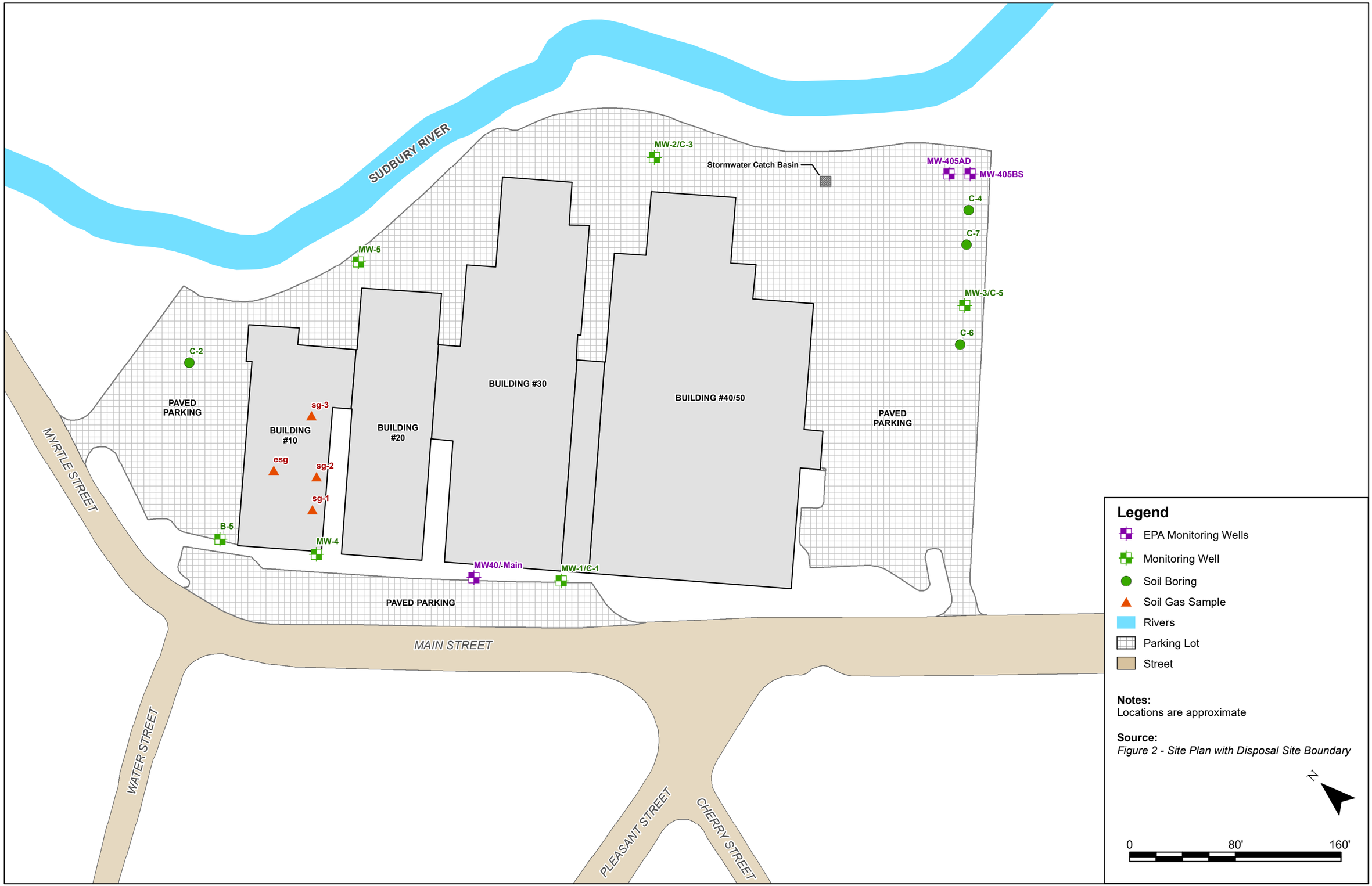
0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

US EPA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL,

Generated from: Cleanups in My Community: Date above is the date map

map


SUDBURY RIVER
MW-2/C-3
Stormwater Catch Basin
MW-405AD
MW-405BS
C-4
C-7
MW-5
MW-3/C-5
C-6
C-2
PAVED PARKING
BUILDING #30
BUILDING #40/50
BUILDING #10
BUILDING #20
PAVED PARKING
sg-3
esg
sg-2
sg-1
B-5
MW-4
MW40/-Main
MW-1/C-1
PAVED PARKING
MYRTLE STREET
MAIN STREET
WATER STREET
PLEASANT STREET
CHERRY STREET
Legend
EPA Monitoring Wells
Monitoring Well
Soil Boring
Soil Gas Sample
Rivers
Parking Lot
Street
Notes:
Locations are approximate
Source:
Figure 2 - Site Plan with Disposal Site Boundary
N
0
80'
160'

TABLES

Project Id : 10-50 MAIN ASHLAND MA

	Units	MCP Method 1 GW-1	11/4/25 MW-1 GW Result	RL	11/4/25 MW-5 GW Result	RL
Volatiles By SW8260D						
1,1,1,2-Tetrachloroethane	ug/L	10	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	ug/L	4,000	< 1.0	1.0	< 1.0	1.0
1,1,2,2-Tetrachloroethane	ug/L	9	< 0.50	0.50	< 0.50	0.50
1,1,2-Trichloroethane	ug/L	900	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	ug/L	2,000	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethene	ug/L	80	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	ug/L		< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene	ug/L		< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	ug/L		< 1.0	1.0	< 1.0	1.0
1,2,4-Trichlorobenzene	ug/L	200	< 1.0	1.0	2.4	1.0
1,2,4-Trimethylbenzene	ug/L		< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	ug/L		< 1.0	1.0	< 1.0	1.0
1,2-Dibromoethane	ug/L	2	< 1.0	1.0	< 1.0	1.0
1,2-Dichlorobenzene	ug/L	8,000	< 1.0	1.0	15	1.0
1,2-Dichloroethane	ug/L	5	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	ug/L	3	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	ug/L		< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	ug/L	6,000	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	ug/L		< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	ug/L	60	< 1.0	1.0	3	1.0
2,2-Dichloropropane	ug/L		< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	ug/L		< 1.0	1.0	< 1.0	1.0
2-Hexanone	ug/L		< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	ug/L		< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	ug/L		< 1.0	1.0	< 1.0	1.0
4-Methyl-2-pentanone	ug/L	50,000	< 5.0	5.0	< 5.0	5.0
Acetone	ug/L	50,000	< 25	25	< 25	25
Acrylonitrile	ug/L		< 1.0	1.0	< 1.0	1.0
Benzene	ug/L	1,000	< 0.70	0.70	< 0.70	0.70
Bromobenzene	ug/L		< 1.0	1.0	< 1.0	1.0
Bromochloromethane	ug/L		< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	ug/L	6	< 0.50	0.50	< 0.50	0.50
Bromoform	ug/L	700	< 1.0	1.0	< 1.0	1.0
Bromomethane	ug/L	7	< 1.0	1.0	< 1.0	1.0
Carbon Disulfide	ug/L		< 5.0	5.0	< 5.0	5.0
Carbon tetrachloride	ug/L	2	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	ug/L	200	< 1.0	1.0	18	1.0
Chloroethane	ug/L		< 1.0	1.0	< 1.0	1.0
Chloroform	ug/L	50	4.3	1.0	< 1.0	1.0
Chloromethane	ug/L		< 1.0	1.0	< 1.0	1.0
cis-1,2-Dichloroethene	ug/L	20	10	1.0	14	1.0
cis-1,3-Dichloropropene	ug/L		< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	ug/L	20	< 0.50	0.50	< 0.50	0.50
Dibromomethane	ug/L		< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	ug/L		< 1.0	1.0	< 1.0	1.0
Ethylbenzene	ug/L	20,000	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	ug/L	50	< 0.40	0.40	< 0.40	0.40
Isopropylbenzene	ug/L		< 1.0	1.0	< 1.0	1.0
m&p-Xylene	ug/L		< 1.0	1.0	< 1.0	1.0
Methyl ethyl ketone	ug/L	50,000	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)	ug/L	50,000	< 1.0	1.0	< 1.0	1.0
Methylene chloride	ug/L	2,000	< 1.0	1.0	< 1.0	1.0
Naphthalene	ug/L	700	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	ug/L		< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	ug/L		< 1.0	1.0	< 1.0	1.0
o-Xylene	ug/L		< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	ug/L		< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	ug/L		< 1.0	1.0	< 1.0	1.0
Styrene	ug/L	100	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	ug/L		< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	ug/L	20	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	ug/L		< 2.5	2.5	< 2.5	2.5
Toluene	ug/L	50,000	< 1.0	1.0	< 1.0	1.0
Total Xylenes	ug/L	3,000	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	ug/L	90	< 1.0	1.0	< 1.0	1.0
trans-1,3-Dichloropropene	ug/L		< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	ug/L		< 5.0	5.0	< 5.0	5.0
Trichloroethene	ug/L	5	7.5	1.0	7.2	1.0
Trichlorofluoromethane	ug/L		< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	ug/L		< 1.0	1.0	< 1.0	1.0
Vinyl chloride	ug/L	2	< 1.0	1.0	< 1.0	1.0
Oxygenates & Dioxane By SW8260D (OXY)						
1,4-Dioxane	ug/L	5,000	< 100	100	< 100	100
Diethyl ether	ug/L		< 1.0	1.0	< 1.0	1.0
Di-isopropyl ether	ug/L		< 1.0	1.0	< 1.0	1.0
Ethyl tert-butyl ether	ug/L		< 1.0	1.0	< 1.0	1.0
tert-amyl methyl ether	ug/L		< 1.0	1.0	< 1.0	1.0

Project Id : 10-50 MAIN ASHLAND MA		Collection Date	11/8/25		11/8/25		11/8/25	
		Sample ID	MW-3 GW		MW-4 GW		MW-2 GW	
	Units	MCP Method 1 GW-1	Result	RL	Result	RL	Result	RL
Halogenated Volatiles By SW8260D								
1,1,1,2-Tetrachloroethane	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	ug/L	200	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2,2-Tetrachloroethane	ug/L	2	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,1,2-Trichloroethane	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	ug/L	70	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethene	ug/L	7	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromoethane	ug/L	0.02	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	ug/L	600	81	10	< 1.0	1.0	18	1.0
1,2-Dichloroethane	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloropropane	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	ug/L	100	2.4	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	ug/L	5	20	1.0	< 1.0	1.0	5.1	1.0
2,2-Dichloropropane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromobenzene	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	ug/L	3	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Bromoform	ug/L	4	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromomethane	ug/L	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	ug/L	100	140	10	< 1.0	1.0	17	1.0
Chloroethane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroform	ug/L	70	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloromethane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,2-Dichloroethene	ug/L	70	2.2	1.0	< 1.0	1.0	65	5.0
cis-1,3-Dichloropropene	ug/L		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	ug/L	2	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Dibromomethane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	ug/L	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,3-Dichloropropene	ug/L		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	ug/L		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl chloride	ug/L	2	1	1.0	< 1.0	1.0	< 1.0	1.0

10-50 Main, Ashalnd Groundwaater Results

	Sample Date:	07/17/2024	07/17/2024	07/17/2024	07/19/2024	07/19/2024	MassDEP
	Sample Time:	07:09	08:14	10:06	04:26	05:40	GW-2
	ClientSample:	MW-4	MW-1	MW-2	MW-5	MW-3	Standard
Analyte	**Units**						
1,1,1,2-Tetrachloroethane	ug/L	<1	<1	<1	<1	<1	
1,1,1-Trichloroethane	ug/L	<1	<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	
1,1,2-Trichloroethane	ug/L	<1	<1	<1	<1	<1	
1,1-Dichloroethane	ug/L	<1	<1	<1	<1	<1	
1,1-Dichloroethene	ug/L	<1	<1	<1	<1	<1	
1,1-Dichloropropene	ug/L	<2	<2	<2	<2	<2	
1,2,3-Trichlorobenzene	ug/L	<1	<1	<1	<1	<1	
1,2,3-Trichloropropane	ug/L	<1	<1	<1	<1	<1	
1,2,4-Trichlorobenzene	ug/L	<1	<1	3.4	<1	2	200
1,2-Dibromo-3-Chloropropane	ug/L	<5	<5	<5	<5	<5	
1,2-Dichlorobenzene	ug/L	<1	<1	24	6.5	64.8	8,000
1,2-Dichloroethane	ug/L	<1	<1	<1	<1	<1	
1,2-Dichloropropane	ug/L	<1	<1	<1	<1	<1	
1,3-Dichlorobenzene	ug/L	<1	<1	<1	<1	1.6	6,000
1,3-Dichloropropane	ug/L	<1	<1	<1	<1	<1	
1,4-Dichlorobenzene	ug/L	<1	<1	5.5	1	13.3	60
2,2-Dichloropropane	ug/L	<1	<1	<1	<1	<1	
2-Chlorotoluene	ug/L	<1	<1	<1	<1	<1	
4-Chlorotoluene	ug/L	<1	<1	<1	<1	<1	
Bromochloromethane	ug/L	<1	<1	<1	<1	<1	
Bromodichloromethane	ug/L	<0.6	<0.6	<0.6	<0.6	<0.6	
Carbon Tetrachloride	ug/L	<1	<1	<1	<1	<1	
Chlorobenzene	ug/L	<1	<1	27.1	15.7	154	200
Chloroethane	ug/L	<2	<2	<2	<2	<2	
Chloroform	ug/L	<1	<1	<1	<1	<1	
Chloromethane	ug/L	<2	<2	<2	<2	<2	
cis-1,2-Dichloroethene	ug/L	<1	**31**	**63**	11.6	**32.7**	20
cis-1,3-Dichloropropene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	
Dibromochloromethane	ug/L	<1	<1	<1	<1	<1	
Dichlorodifluoromethane	ug/L	<2	<2	<2	<2	<2	
Hexachlorobutadiene	ug/L	<0.6	<0.6	<0.6	<0.6	<0.6	
Hexachloroethane	ug/L	<1	<1	<1	<1	<1	
Methylene Chloride	ug/L	<2	<2	<2	<2	<2	
Tetrachloroethene	ug/L	<1	<1	<1	2.2	<1	20
trans-1,2-Dichloroethene	ug/L	<1	<1	<1	<1	<1	
trans-1,3-Dichloropropene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	
Trichloroethene	ug/L	<1	**15.6**	<1	**6.5**	<1	5
Trichlorofluoromethane	ug/L	<1	<1	<1	<1	<1	
Vinyl Chloride	ug/L	<1	<1	<1	<1	**9.8**	2

PHOENIX
Environmental Laboratories, Inc.

Tuesday, November 18, 2025

Attn: Mr George Campbell
Campbell Environmental Inc
38 Sunset Drive
Northboro, MA 01532

Project ID: 10-50 MAIN ASHLAND MA
SDG ID: GCU71887
Sample ID#s: CU71887 - CU71889

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.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

November 18, 2025

SDG I.D.: GCU71887

Phoenix reporting levels may exceed those referenced in the CAM protocol. Please refer to criteria sheet for comparisons to requested MCP standards.

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

November 18, 2025

SDG I.D.: GCU71887

Project ID: 10-50 MAIN ASHLAND MA

Client Id	Lab Id	Matrix	Col Date
MW-3	CU71887	GROUND WATER	11/08/25 11:55
MW-4	CU71888	GROUND WATER	11/08/25 13:04
MW-2	CU71889	GROUND WATER	11/08/25 14:10

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

Analysis Report

November 18, 2025

FOR: Attn: Mr George Campbell
Campbell Environmental Inc
38 Sunset Drive
Northboro, MA 01532

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/08/25	11:55
Location Code:	CAMPBELL-ENV	Received by:	CP	11/11/25	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU71887
Phoenix ID: CU71887

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichlorobenzene	81	10	ug/L	10	11/14/25	MH	SW8260D
1,2-Dichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,3-Dichlorobenzene	2.4	1.0	ug/L	1	11/14/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,4-Dichlorobenzene	20	1.0	ug/L	1	11/14/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chlorobenzene	140	10	ug/L	10	11/14/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-3

Phoenix I.D.: CU71887

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	2.2	1.0	ug/L	1	11/14/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/14/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/14/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	ug/L	1	11/14/25	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Vinyl chloride	1.0	1.0	ug/L	1	11/14/25	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	11/14/25	MH	70 - 130 %
% Bromofluorobenzene	95		%	1	11/14/25	MH	70 - 130 %
% Dibromofluoromethane	106		%	1	11/14/25	MH	70 - 130 %
% Toluene-d8	96		%	1	11/14/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	100		%	10	11/14/25	MH	70 - 130 %
% Bromofluorobenzene (10x)	99		%	10	11/14/25	MH	70 - 130 %
% Dibromofluoromethane (10x)	104		%	10	11/14/25	MH	70 - 130 %
% Toluene-d8 (10x)	93		%	10	11/14/25	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
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.
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Phyllis Shiller, Laboratory Director
November 18, 2025
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

Analysis Report

November 18, 2025

FOR: Attn: Mr George Campbell
Campbell Environmental Inc
38 Sunset Drive
Northboro, MA 01532

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/08/25	13:04
Location Code:	CAMPBELL-ENV	Received by:	CP	11/11/25	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU71887
Phoenix ID: CU71888

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-4

Phoenix I.D.: CU71888

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/14/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/14/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	ug/L	1	11/14/25	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	11/14/25	MH	70 - 130 %
% Bromofluorobenzene	102		%	1	11/14/25	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	11/14/25	MH	70 - 130 %
% Toluene-d8	92		%	1	11/14/25	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
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:

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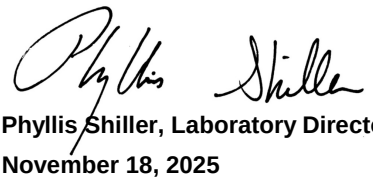

Phyllis Shiller, Laboratory Director
November 18, 2025
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

Analysis Report

November 18, 2025

FOR: Attn: Mr George Campbell
Campbell Environmental Inc
38 Sunset Drive
Northboro, MA 01532

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/08/25	14:10
Location Code:	CAMPBELL-ENV	Received by:	CP	11/11/25	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU71887
Phoenix ID: CU71889

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichlorobenzene	18	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
1,4-Dichlorobenzene	5.1	1.0	ug/L	1	11/14/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chlorobenzene	17	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-2

Phoenix I.D.: CU71889

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	65	5.0	ug/L	5	11/14/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/14/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/14/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/14/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	2.5	ug/L	1	11/14/25	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	11/14/25	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	11/14/25	MH	70 - 130 %
% Bromofluorobenzene	100		%	1	11/14/25	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	11/14/25	MH	70 - 130 %
% Toluene-d8	93		%	1	11/14/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	100		%	5	11/14/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	100		%	5	11/14/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	106		%	5	11/14/25	MH	70 - 130 %
% Toluene-d8 (5x)	93		%	5	11/14/25	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
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:

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Phyllis Shiller, Laboratory Director
November 18, 2025
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

QA/QC Report

November 18, 2025

QA/QC Data

SDG I.D.: GCU71887

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 814500 (ug/L), QC Sample No: CU72168 (CU71887, CU71888, CU71889)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	102	104	1.9				70 - 130	20
1,1,1-Trichloroethane	ND	1.0	96	94	2.1				70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.50	102	104	1.9				70 - 130	20
1,1,2-Trichloroethane	ND	1.0	101	105	3.9				70 - 130	20
1,1-Dichloroethane	ND	1.0	96	96	0.0				70 - 130	20
1,1-Dichloroethene	ND	1.0	93	93	0.0				70 - 130	20
1,1-Dichloropropene	ND	1.0	86	92	6.7				70 - 130	20
1,2,3-Trichloropropane	ND	1.0	104	105	1.0				70 - 130	20
1,2-Dibromo-3-chloropropane	ND	1.0	100	103	3.0				70 - 130	20
1,2-Dibromoethane	ND	1.0	100	102	2.0				70 - 130	20
1,2-Dichlorobenzene	ND	1.0	97	101	4.0				70 - 130	20
1,2-Dichloroethane	ND	1.0	99	102	3.0				70 - 130	20
1,2-Dichloropropane	ND	1.0	97	102	5.0				70 - 130	20
1,3-Dichlorobenzene	ND	1.0	99	103	4.0				70 - 130	20
1,3-Dichloropropane	ND	1.0	102	103	1.0				70 - 130	20
1,4-Dichlorobenzene	ND	1.0	96	100	4.1				70 - 130	20
2,2-Dichloropropane	ND	1.0	100	101	1.0				70 - 130	20
Bromobenzene	ND	1.0	99	104	4.9				70 - 130	20
Bromodichloromethane	ND	0.50	100	102	2.0				70 - 130	20
Bromoform	ND	1.0	106	109	2.8				70 - 130	20
Bromomethane	ND	1.0	84	84	0.0				40 - 160	20
Carbon tetrachloride	ND	1.0	96	94	2.1				70 - 130	20
Chlorobenzene	ND	1.0	96	99	3.1				70 - 130	20
Chloroethane	ND	1.0	110	100	9.5				70 - 130	20
Chloroform	ND	1.0	95	93	2.1				70 - 130	20
Chloromethane	ND	1.0	100	98	2.0				40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	99	100	1.0				70 - 130	20
cis-1,3-Dichloropropene	ND	0.40	105	109	3.7				70 - 130	20
Dibromochloromethane	ND	0.50	100	102	2.0				70 - 130	20
Dibromomethane	ND	1.0	102	102	0.0				70 - 130	20
Dichlorodifluoromethane	ND	1.0	107	104	2.8				40 - 160	20
Methylene chloride	ND	1.0	93	91	2.2				70 - 130	20
Tetrachloroethene	ND	1.0	92	98	6.3				70 - 130	20
trans-1,2-Dichloroethene	ND	1.0	94	95	1.1				70 - 130	20
trans-1,3-Dichloropropene	ND	0.40	108	112	3.6				70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	94	98	4.2				70 - 130	20
Trichloroethene	ND	1.0	94	100	6.2				70 - 130	20
Trichlorofluoromethane	ND	1.0	98	97	1.0				70 - 130	20
Trichlorotrifluoroethane	ND	1.0	100	97	3.0				70 - 130	20
Vinyl chloride	ND	1.0	101	99	2.0				70 - 130	20
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0				70 - 130	20

QA/QC Data

SDG I.D.: GCU71887

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	100	%		101	101	0.0				70 - 130	20
% Dibromofluoromethane	100	%		98	92	6.3				70 - 130	20
% Toluene-d8	94	%		101	101	0.0				70 - 130	20

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%.
The RPD criteria for the LCS/LCSD is 20%,
The MS/MSD RPD criteria is listed above.

QA/QC Batch 814708 (ug/L), QC Sample No: CU72924 (CU71887 (10X) , CU71889 (5X))

Volatiles - Ground Water

1,2-Dichlorobenzene	ND	1.0		105	109	3.7				70 - 130	20
Chlorobenzene	ND	1.0		106	112	5.5				70 - 130	20
cis-1,2-Dichloroethene	ND	1.0		112	120	6.9				70 - 130	20
% 1,2-dichlorobenzene-d4	96	%		100	99	1.0				70 - 130	20
% Bromofluorobenzene	106	%		103	103	0.0				70 - 130	20
% Dibromofluoromethane	106	%		102	100	2.0				70 - 130	20
% Toluene-d8	91	%		100	100	0.0				70 - 130	20

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%.
The RPD criteria for the LCS/LCSD is 20%,
The MS/MSD RPD criteria is listed above.

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
November 18, 2025

Tuesday, November 18, 2025

Criteria: MA: CAM, GW1

State: MA

Sample Criteria Exceedances Report

GCU71887 - CAMPBELL-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU71887	$8010GAWR	trans-1,4-dichloro-2-butene	MA / CAM Protocol / VOA AQ RL	ND	2.5		2	ug/L
CU71887	$8010GAWR	1,4-Dichlorobenzene	MA / CMR 310.40.1600 / GW-1 (mg/l)	20	1.0	5	5	ug/L
CU71887	$8010GAWR	Chlorobenzene	MA / CMR 310.40.1600 / GW-1 (mg/l)	140	10	100	100	ug/L
CU71887	$8010GAWR	1,2-Dibromoethane	MA / CMR 310.40.1600 / GW-1 (mg/l)	ND	0.25	0.02	0.02	ug/L
CU71887	$8010GAWR	1,2-Dibromoethane	MA / GROUNDWATER STANDARDS / GW-1	ND	0.25	0.02	0.02	ug/L
CU71887	$8010GAWR	1,4-Dichlorobenzene	MA / GROUNDWATER STANDARDS / GW-1	20	1.0	5	5	ug/L
CU71887	$8010GAWR	Chlorobenzene	MA / GROUNDWATER STANDARDS / GW-1	140	10	100	100	ug/L
CU71888	$8010GAWR	trans-1,4-dichloro-2-butene	MA / CAM Protocol / VOA AQ RL	ND	2.5		2	ug/L
CU71888	$8010GAWR	1,2-Dibromoethane	MA / CMR 310.40.1600 / GW-1 (mg/l)	ND	0.25	0.02	0.02	ug/L
CU71888	$8010GAWR	1,2-Dibromoethane	MA / GROUNDWATER STANDARDS / GW-1	ND	0.25	0.02	0.02	ug/L
CU71889	$8010GAWR	trans-1,4-dichloro-2-butene	MA / CAM Protocol / VOA AQ RL	ND	2.5		2	ug/L
CU71889	$8010GAWR	1,2-Dibromoethane	MA / CMR 310.40.1600 / GW-1 (mg/l)	ND	0.25	0.02	0.02	ug/L
CU71889	$8010GAWR	1,4-Dichlorobenzene	MA / CMR 310.40.1600 / GW-1 (mg/l)	5.1	1.0	5	5	ug/L
CU71889	$8010GAWR	cis-1,2-Dichloroethene	MA / CMR 310.40.1600 / GW-1 (mg/l)	65	5.0	20	20	ug/L
CU71889	$8010GAWR	1,2-Dibromoethane	MA / GROUNDWATER STANDARDS / GW-1	ND	0.25	0.02	0.02	ug/L
CU71889	$8010GAWR	1,4-Dichlorobenzene	MA / GROUNDWATER STANDARDS / GW-1	5.1	1.0	5	5	ug/L

MassDEP Analytical Protocol Certification Form

Laboratory Name: Phoenix Environmental Laboratories, Inc. **Project #:**

Project Location: 10-50 MAIN ASHLAND MA **RTN:**

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]
CU71887, CU71888, CU71889

Matrices: ☑ Groundwater/Surface Water ☐ Soil/Sediment ☐ Drinking Water ☐ Air ☐ Other:

CAM Protocol (check all that apply below)

8260 VOC CAM II A ☑	7470/7471 Hg CAM III B ☐	MassDEP VPH CAM IV A ☐	8081 Pesticides CAM V B ☐	7196 Hex Cr CAM VI B ☐	MassDEP APH CAM IX A ☐
8270 SVOC CAM II B ☐	7010 Metals CAM III C ☐	MassDEP EPH CAM IV B ☐	8151 Herbicides CAM V C ☐	8330 Explosives CAM VIII A ☐	TO-15 VOC CAM IX B ☐
6010 Metals CAM III A ☐	6020 Metals CAM III D ☐	8082 PCB CAM V A ☐	9012 Total Cyanide/PAC CAM V1 A ☐	6860 Perchlorate CAM VIII B ☐	

Affirmative responses to questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature*) in the field or laboratory, and prepared/analyzed with method holding times? (* see narrative)	☑ Yes ☐ No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	☑ Yes ☐ No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes ☐ No
D	Does the laboratory report comply with all the reporting requirements speified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☑ Yes ☐ No
E	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 methods only: Was the complete analyte list reported for each method?	☐ Yes ☐ No ☐ Yes ☐ No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	☑ Yes ☐ No

Responses to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes ☑ No

Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056(2)(k) and WSC-07-350

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	☑ Yes ☐ No
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes ☑ No

All negative responses must be addressed in an attached laboratory narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Authorized Signature: Ethan Lee

Date: Tuesday, November 18, 2025

Printed Name: Ethan Lee

Position: Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

MCP Certification Report

November 18, 2025

SDG I.D.: GCU71887

SDG Comments

8260 Volatile Organics:
The client requested a short list for 8260 RCP Volatiles. Only the halogenated volatile organic constituents are reported as requested on the chain-of-custody.

Phoenix reporting levels may exceed those referenced in the CAM protocol. Please refer to criteria sheet for comparisons to requested MCP standards.

8260 Volatile Organics:
1,2-Dibromoethane doesn't meet GW-1 criteria, this compound is analyzed by GC/FID to achieve this criteria.

VOA Narration

Were all QA/QC performance criteria specified in the MADEP document CAM achieved? Yes.

Instrument:

CHEM17 11/13/25-2 Michael Hahn, Chemist 11/13/25

CU71887 (1X), CU71888 (1X), CU71889 (1X)

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments.
EPA method 8260D Table 4 supports this approach.

Initial Calibration Evaluation (CHEM17/VT-111125):
97% of target compounds met criteria.
The following compounds had %RSDs >20%: Bromomethane 22% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: None.

Continuing Calibration Verification (CHEM17/1113_28-VT-111125) (MCP Compliance):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Bromomethane 26%L (20%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

CHEM17 11/14/25-1 Michael Hahn, Chemist 11/14/25

CU71887 (10X), CU71889 (5X)

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments.
EPA method 8260D Table 4 supports this approach.

Initial Calibration Evaluation (CHEM17/VT-111125):
97% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

Continuing Calibration Verification (CHEM17/1114_02-VT-111125) (MCP Compliance):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

MCP Certification Report

November 18, 2025

SDG I.D.: GCU71887

VOA Narration

QC (Batch Specific):

Batch 814500 (CU72168) CHEM17 11/13/2025-2

CU71887(1X), CU71888(1X), CU71889(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
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%.
The RPD criteria for the LCS/LCSD is 20%,
The MS/MSD RPD criteria is listed above.

Batch 814708 (CU72924) CHEM17 11/14/2025-1

CU71887(10X), CU71889(5X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
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%.
The RPD criteria for the LCS/LCSD is 20%,
The MS/MSD RPD criteria is listed above.

We attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Temp 1.9 °C Cooler: Yes ☑ No ☐ Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

Pg of

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Data Delivery/Contact Options:
Phone:
Email(s):

Customer: CAMPBELL ENV INC
Address: 38 SUNSET DRIVE
NORTHBORO MA 01532

Project: 10-50 MAIN
Report to (name): ASHLAND MA
Invoice to:
Quote #

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: GG Date: 11-8-25

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 **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	8260 VOCs Chlorinated Compounds	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( )oz	GL Soil container ( )oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO_3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
71887	MW-3	GW	11-8-25	1155		X				3	3							
71888	MW-4	↓	↓	104		X				3	3							
71789	MW-2	↓	↓	210		X				3								

Relinquished by:	Accepted by:	Date:	Time:
GG	RAD	11/11	8:50
		11/11/25	14:17

Comments, Special Requirements or Regulations:

Turnaround Time:
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*
☒ Standard ☐ Other _____

MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

*** SURCHARGES MAY APPLY**

RI
☐ RES DEC
☐ I/C DEC
☐ GA Leachability
☐ GB Leachability
☐ GA -GW Objectives
☐ GB -GW Objectives
☐ Other

CT
☐ RCP Cert
☐ GWPC
☐ SWPC
☐ GA PMC
☐ GB PMC
☐ SWPC
RES☐ DEC☐ VC
I/C ☐ DEC ☐ VC

MA
☒ MCP Certification
☒ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3
☐ S-1 ☐ S-1 Calc.
☐ S-2
☐ S-3 ☐ _____
☐ SW Protection

State where samples were collected: MA

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist*
☐ Full Data Package*
☐ Phoenix Std
☐ MAT-212 Form

*** SURCHARGE APPLIES**

Form PEL-126 Rev. 1/25

PHOENIX
Environmental Laboratories, Inc.

Tuesday, November 11, 2025

Attn: Mr George Campbell
Campbell Environmental Inc
38 Sunset Drive
Northboro, MA 01532

Project ID: **10-50 MAIN ASHLAND MA**
SDG ID: **GCU67552**
Sample ID#s: CU67552 - CU67553

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.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

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 # 11301

SDG Comments

November 11, 2025

SDG I.D.: GCU67552

8260 Analysis:
1,2-Dibromoethane doesn't meet GW-1 criteria, this compound is analyzed by GC/FID to achieve this criteria.

Phoenix reporting levels may exceed those referenced in the CAM protocol. Please refer to criteria sheet for comparisons to requested MCP standards.

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

November 11, 2025

SDG I.D.: GCU67552

Project ID: 10-50 MAIN ASHLAND MA

Client Id	Lab Id	Matrix	Col Date
MW-1	CU67552	GROUND WATER	11/04/25 12:55
MW-5	CU67553	GROUND WATER	11/04/25 13:59

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

Analysis Report

November 11, 2025

FOR: Attn: Mr George Campbell
Campbell Environmental Inc
38 Sunset Drive
Northboro, MA 01532

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/04/25	12:55
Location Code:	CAMPBELL-ENV	Received by:	SR1	11/05/25	16:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU67552
Phoenix ID: CU67552

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/07/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	11/07/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/07/25	MH	SW8260D

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-1

Phoenix I.D.: CU67552

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/07/25	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Benzene	ND	0.70	ug/L	1	11/07/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/07/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Chloroform	4.3	1.0	ug/L	1	11/07/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
cis-1,2-Dichloroethene	10	1.0	ug/L	1	11/07/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/07/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/07/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	11/07/25	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Styrene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/07/25	MH	SW8260D
Toluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/07/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
Trichloroethene	7.5	1.0	ug/L	1	11/07/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	11/07/25	MH	70 - 130 %
% Bromofluorobenzene	99		%	1	11/07/25	MH	70 - 130 %
% Dibromofluoromethane	92		%	1	11/07/25	MH	70 - 130 %

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-1

Phoenix I.D.: CU67552

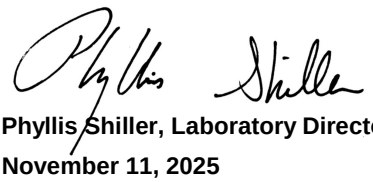
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	11/07/25	MH	70 - 130 %
Oxygenates & Dioxane							
1,4-Dioxane	ND	100	ug/L	1	11/07/25	MH	SW8260D (OXY)
Diethyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)
Di-isopropyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)
Ethyl tert-butyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)
tert-amyl methyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
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:

8260 Analysis:
1,4-Dioxane doesn't meet GW-1 criteria, this compound is analyzed by 8270SIM to achieve this criteria.

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
November 11, 2025
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

Analysis Report

November 11, 2025

FOR: Attn: Mr George Campbell
Campbell Environmental Inc
38 Sunset Drive
Northboro, MA 01532

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/04/25	13:59
Location Code:	CAMPBELL-ENV	Received by:	SR1	11/05/25	16:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU67552
Phoenix ID: CU67553

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/07/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,4-Trichlorobenzene	2.4	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dichlorobenzene	15	1.0	ug/L	1	11/07/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	11/07/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
1,4-Dichlorobenzene	3.0	1.0	ug/L	1	11/07/25	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
4-Chlorotoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/07/25	MH	SW8260D

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-5

Phoenix I.D.: CU67553

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/07/25	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Benzene	ND	0.70	ug/L	1	11/07/25	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/07/25	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Chlorobenzene	18	1.0	ug/L	1	11/07/25	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
cis-1,2-Dichloroethene	14	1.0	ug/L	1	11/07/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/07/25	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/07/25	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	11/07/25	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Styrene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/07/25	MH	SW8260D
Toluene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/07/25	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/07/25	MH	SW8260D
Trichloroethene	7.2	1.0	ug/L	1	11/07/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	11/07/25	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	1	11/07/25	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	11/07/25	MH	70 - 130 %
% Dibromofluoromethane	98		%	1	11/07/25	MH	70 - 130 %

Project ID: 10-50 MAIN ASHLAND MA
Client ID: MW-5

Phoenix I.D.: CU67553

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	11/07/25	MH	70 - 130 %
Oxygenates & Dioxane							
1,4-Dioxane	ND	100	ug/L	1	11/07/25	MH	SW8260D (OXY)
Diethyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)
Di-isopropyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)
Ethyl tert-butyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)
tert-amyl methyl ether	ND	1.0	ug/L	1	11/07/25	MH	SW8260D (OXY)

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
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:

8260 Analysis:
1,4-Dioxane doesn't meet GW-1 criteria, this compound is analyzed by 8270SIM to achieve this criteria.

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
November 11, 2025
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

QA/QC Report

November 11, 2025

QA/QC Data

SDG I.D.: GCU67552

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 813208 (ug/L), QC Sample No: CU67625 (CU67552, CU67553)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	109	105	3.7				70 - 130	20
1,1,1-Trichloroethane	ND	1.0	98	99	1.0				70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.50	92	93	1.1				70 - 130	20
1,1,2-Trichloroethane	ND	1.0	94	96	2.1				70 - 130	20
1,1-Dichloroethane	ND	1.0	98	97	1.0				70 - 130	20
1,1-Dichloroethene	ND	1.0	97	97	0.0				70 - 130	20
1,1-Dichloropropene	ND	1.0	86	89	3.4				70 - 130	20
1,2,3-Trichlorobenzene	ND	1.0	93	93	0.0				70 - 130	20
1,2,3-Trichloropropane	ND	1.0	91	90	1.1				70 - 130	20
1,2,4-Trichlorobenzene	ND	1.0	93	93	0.0				70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	92	96	4.3				70 - 130	20
1,2-Dibromo-3-chloropropane	ND	1.0	92	95	3.2				70 - 130	20
1,2-Dibromoethane	ND	1.0	96	95	1.0				70 - 130	20
1,2-Dichlorobenzene	ND	1.0	90	92	2.2				70 - 130	20
1,2-Dichloroethane	ND	1.0	95	96	1.0				70 - 130	20
1,2-Dichloropropane	ND	1.0	97	99	2.0				70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	95	98	3.1				70 - 130	20
1,3-Dichlorobenzene	ND	1.0	92	95	3.2				70 - 130	20
1,3-Dichloropropane	ND	1.0	98	95	3.1				70 - 130	20
1,4-Dichlorobenzene	ND	1.0	91	93	2.2				70 - 130	20
1,4-dioxane	ND	100	97	98	1.0				40 - 160	20
2,2-Dichloropropane	ND	1.0	115	117	1.7				70 - 130	20
2-Chlorotoluene	ND	1.0	88	92	4.4				70 - 130	20
2-Hexanone	ND	5.0	89	91	2.2				40 - 160	20
2-Isopropyltoluene	ND	1.0	93	98	5.2				70 - 130	20
4-Chlorotoluene	ND	1.0	88	93	5.5				70 - 130	20
4-Methyl-2-pentanone	ND	5.0	90	96	6.5				40 - 160	20
Acetone	ND	5.0	89	88	1.1				40 - 160	20
Acrylonitrile	ND	5.0	94	92	2.2				70 - 130	20
Benzene	ND	0.70	94	95	1.1				70 - 130	20
Bromobenzene	ND	1.0	90	91	1.1				70 - 130	20
Bromochloromethane	ND	1.0	94	95	1.1				70 - 130	20
Bromodichloromethane	ND	0.50	100	101	1.0				70 - 130	20
Bromoform	ND	1.0	107	104	2.8				70 - 130	20
Bromomethane	ND	1.0	71	77	8.1				40 - 160	20
Carbon Disulfide	ND	1.0	98	99	1.0				70 - 130	20
Carbon tetrachloride	ND	1.0	100	103	3.0				70 - 130	20
Chlorobenzene	ND	1.0	94	93	1.1				70 - 130	20
Chloroethane	ND	1.0	98	96	2.1				70 - 130	20
Chloroform	ND	1.0	92	92	0.0				70 - 130	20
Chloromethane	ND	1.0	121	120	0.8				40 - 160	20

QA/QC Data

SDG I.D.: GCU67552

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	99	99	0.0				70 - 130	20
cis-1,3-Dichloropropene	ND	0.40	103	105	1.9				70 - 130	20
Dibromochloromethane	ND	0.50	100	98	2.0				70 - 130	20
Dibromomethane	ND	1.0	93	95	2.1				70 - 130	20
Dichlorodifluoromethane	ND	1.0	118	118	0.0				40 - 160	20
Di-isopropyl ether	ND	1.0	100	100	0.0				70 - 130	20
Ethyl ether	ND	1.0	103	102	1.0				70 - 130	20
Ethyl tert-butyl ether	ND	1.0	100	99	1.0				70 - 130	20
Ethylbenzene	ND	1.0	98	96	2.1				70 - 130	20
Hexachlorobutadiene	ND	0.40	92	97	5.3				70 - 130	20
Isopropylbenzene	ND	1.0	91	95	4.3				70 - 130	20
m&p-Xylene	ND	1.0	98	96	2.1				70 - 130	20
Methyl ethyl ketone	ND	5.0	91	89	2.2				40 - 160	20
Methyl t-butyl ether (MTBE)	ND	1.0	96	95	1.0				70 - 130	20
Methylene chloride	ND	1.0	93	93	0.0				70 - 130	20
Naphthalene	ND	1.0	92	95	3.2				70 - 130	20
n-Butylbenzene	ND	1.0	99	102	3.0				70 - 130	20
n-Propylbenzene	ND	1.0	92	96	4.3				70 - 130	20
o-Xylene	ND	1.0	97	95	2.1				70 - 130	20
p-Isopropyltoluene	ND	1.0	92	97	5.3				70 - 130	20
sec-Butylbenzene	ND	1.0	91	96	5.3				70 - 130	20
Styrene	ND	1.0	100	98	2.0				70 - 130	20
tert-amyl methyl ether	ND	1.0	98	100	2.0				70 - 130	20
tert-Butylbenzene	ND	1.0	90	94	4.3				70 - 130	20
Tetrachloroethene	ND	1.0	91	93	2.2				70 - 130	20
Tetrahydrofuran (THF)	ND	2.5	90	90	0.0				70 - 130	20
Toluene	ND	1.0	95	97	2.1				70 - 130	20
trans-1,2-Dichloroethene	ND	1.0	96	96	0.0				70 - 130	20
trans-1,3-Dichloropropene	ND	0.40	112	115	2.6				70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	104	109	4.7				70 - 130	20
Trichloroethene	ND	1.0	93	95	2.1				70 - 130	20
Trichlorofluoromethane	ND	1.0	101	101	0.0				70 - 130	20
Trichlorotrifluoroethane	ND	1.0	104	106	1.9				70 - 130	20
Vinyl chloride	ND	1.0	111	112	0.9				70 - 130	20
% 1,2-dichlorobenzene-d4	99	%	101	103	2.0				70 - 130	20
% Bromofluorobenzene	99	%	101	100	1.0				70 - 130	20
% Dibromofluoromethane	98	%	99	98	1.0				70 - 130	20
% Toluene-d8	96	%	101	102	1.0				70 - 130	20

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%.
The RPD criteria for the LCS/LCSD is 20%,
The MS/MSD RPD criteria is listed above.

QA/QC Data

SDG I.D.: GCU67552

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD 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
November 11, 2025

Tuesday, November 11, 2025

Criteria: MA: CAM, GW2

State: MA

Sample Criteria Exceedances Report

GCU67552 - CAMPBELL-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU67552	$8260GWR	trans-1,4-dichloro-2-butene	MA / CAM Protocol / VOA AQ RL	ND	5.0		2	ug/L
CU67552	$8260GWR	Tetrahydrofuran (THF)	MA / CAM Protocol / VOA AQ RL	ND	2.5		2	ug/L
CU67552	$8260GWR	Carbon Disulfide	MA / CAM Protocol / VOA AQ RL	ND	5.0		2	ug/L
CU67552	$8260GWR	Acetone	MA / CAM Protocol / VOA AQ RL	ND	25		10	ug/L
CU67552	$8260GWR	Trichloroethene	MA / CMR 310.40.1600 / GW-2 (mg/l)	7.5	1.0	5	5	ug/L
CU67552	$8260GWR	Trichloroethene	MA / GROUNDWATER STANDARDS / GW-2	7.5	1.0	5	5	ug/L
CU67553	$8260GWR	trans-1,4-dichloro-2-butene	MA / CAM Protocol / VOA AQ RL	ND	5.0		2	ug/L
CU67553	$8260GWR	Tetrahydrofuran (THF)	MA / CAM Protocol / VOA AQ RL	ND	2.5		2	ug/L
CU67553	$8260GWR	Carbon Disulfide	MA / CAM Protocol / VOA AQ RL	ND	5.0		2	ug/L
CU67553	$8260GWR	Acetone	MA / CAM Protocol / VOA AQ RL	ND	25		10	ug/L
CU67553	$8260GWR	Trichloroethene	MA / CMR 310.40.1600 / GW-2 (mg/l)	7.2	1.0	5	5	ug/L
CU67553	$8260GWR	Trichloroethene	MA / GROUNDWATER STANDARDS / GW-2	7.2	1.0	5	5	ug/L

MassDEP Analytical Protocol Certification Form

Laboratory Name: Phoenix Environmental Laboratories, Inc. **Project #:**

Project Location: 10-50 MAIN ASHLAND MA **RTN:**

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]
CU67552, CU67553

Matrices: ☑ Groundwater/Surface Water ☐ Soil/Sediment ☐ Drinking Water ☐ Air ☐ Other:

CAM Protocol (check all that apply below)

8260 VOC CAM II A ☑	7470/7471 Hg CAM III B ☐	MassDEP VPH CAM IV A ☐	8081 Pesticides CAM V B ☐	7196 Hex Cr CAM VI B ☐	MassDEP APH CAM IX A ☐
8270 SVOC CAM II B ☐	7010 Metals CAM III C ☐	MassDEP EPH CAM IV B ☐	8151 Herbicides CAM V C ☐	8330 Explosives CAM VIII A ☐	TO-15 VOC CAM IX B ☐
6010 Metals CAM III A ☐	6020 Metals CAM III D ☐	8082 PCB CAM V A ☐	9012 Total Cyanide/PAC CAM V1 A ☐	6860 Perchlorate CAM VIII B ☐	

Affirmative responses to questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature*) in the field or laboratory, and prepared/analyzed with method holding times? (* see narrative)	☑ Yes ☐ No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	☑ Yes ☐ No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes ☐ No
D	Does the laboratory report comply with all the reporting requirements speified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☑ Yes ☐ No
E	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 methods only: Was the complete analyte list reported for each method?	☐ Yes ☐ No ☐ Yes ☐ No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	☑ Yes ☐ No

Responses to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes ☑ No

Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056(2)(k) and WSC-07-350

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	☑ Yes ☐ No
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes ☐ No

All negative responses must be addressed in an attached laboratory narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Authorized Signature: Ethan Lee

Date: Tuesday, November 11, 2025

Printed Name: Ethan Lee

Position: Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

MCP Certification Report

November 11, 2025

SDG I.D.: GCU67552

SDG Comments

Phoenix reporting levels may exceed those referenced in the CAM protocol. Please refer to criteria sheet for comparisons to requested MCP standards.

VOA Narration

Were all QA/QC performance criteria specified in the MADEP document CAM achieved? Yes.

Instrument:

CHEM17 11/06/25-2 Michael Hahn, Chemist 11/06/25

CU67552 (1X), CU67553 (1X)

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments.
EPA method 8260D Table 4 supports this approach.

Initial Calibration Evaluation (CHEM17/VT-110425):
97% of target compounds met criteria.
The following compounds had %RSDs >20%: Bromomethane 27% (20%), Isopropylbenzene 21% (20%), trans-1,3-Dichloropropene 24% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: None.

Continuing Calibration Verification (CHEM17/1106_28-VT-110425) (MCP Compliance):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
98% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Bromomethane 39%L (20%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 813208 (CU67625) CHEM17 11/6/2025-2

CU67552(1X), CU67553(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
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%.
The RPD criteria for the LCS/LCSD is 20%,
The MS/MSD RPD criteria is listed above.

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Temp 1.6 °C Coolant: IPK ☑ ICE ☐ Cooler: Yes ☑ No ☐ No ☐

Pg of

PHOENIX
Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Data Delivery/Contact Options:
Phone:
Email(s):

Customer: CAMPBELL ENV INC
Address: 38 Sunset
North Govo MA 01532

Project: 10-50 Main
Report to (name): Ashland MA
Invoice to:
Quote #

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: CG Date: 11-4-25

Client Sample - Information - Identification

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 **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs	F260	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container( )oz	GL Soil container( )oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 1250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 1250ml [ ] 500ml	PL HNO_3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
					X														
607552	MW-1	GW	11-4-25	1255	X						3								
607553	MW-5	GW	11-4-25	159	X						3								

Relinquished by:	Accepted by:	Date:	Time:
CG	[signature]	11/5	8:38
[signature]	[signature]	11/5/25	16:16

Comments, Special Requirements or Regulations:

Turnaround Time:
☐ 1 Day* ☑ Standard
☐ 2 Days* ☐ Other _____
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*

RI
☐ RES DEC
☐ I/C DEC
☐ GA Leachability
☐ GB Leachability
☐ GA -GW Objectives
☐ GB -GW Objectives
☐ Other

CT
☐ RCP Cert
☐ GWPC
☐ SWPC
☐ GA PMC
☐ GB PMC
☐ SWPC
RES☐ DEC☐ VC
I/C ☐ DEC ☐ VC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3
☐ S-1 ☐ S-1 Calc.
☐ S-2
☐ S-3 ☐ _____
☐ SW Protection

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist*
☐ Full Data Package*
☐ Phoenix Std
☐ MAT-212 Form

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

*** SURCHARGES MAY APPLY**

State where samples were collected: MA

*** SURCHARGE APPLIES**

Form PEL-126 Rev. 1/25

(860) 645-1102 Project Id : 10-50 MAIN, ASHLAND MA	Collection Date Client Id Matrix CAS	Units	MassDEP Com SS SGS	12/19/24 SG-3 Air Result	RL	12/19/24 SG-1 Air Result	RL
Chlorinated Volatiles (TO15) By TO15							
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3		< 6.86	6.86	< 6.86	6.86
1,1,1-Trichloroethane	71-55-6	ug/m3	311,000	< 5.45	5.45	< 5.45	5.45
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	14	< 0.69	0.69	< 0.69	0.69
1,1,2-Trichloroethane	79-00-5	ug/m3	50	< 0.74	0.74	< 0.74	0.74
1,1-Dichloroethane	75-34-3	ug/m3	50,000	< 4.04	4.04	< 4.04	4.04
1,1-Dichloroethene	75-35-4	ug/m3	12,000	< 3.96	3.96	< 3.96	3.96
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	2.7	< 0.77	0.77	< 0.77	0.77
1,2-Dichlorobenzene	95-50-1	ug/m3	50,000	< 3.00	3.00	< 3.00	3.00
1,2-Dichloroethane	107-06-2	ug/m3	31	< 0.44	0.44	< 0.44	0.44
1,2-dichloropropane	78-87-5	ug/m3	42	< 0.62	0.62	< 0.62	0.62
1,3-Dichlorobenzene	541-73-1	ug/m3	50,000	< 3.00	3.00	< 3.00	3.00
1,4-Dichlorobenzene	106-46-7	ug/m3	120	< 2.40	2.40	< 2.40	2.40
Bromodichloromethane	75-27-4	ug/m3	45	< 0.67	0.67	< 0.67	0.67
Bromoform	75-25-2	ug/m3	730	< 10.3	10.3	< 10.3	10.3
Bromomethane	74-83-9	ug/m3	310	< 2.91	2.91	< 2.91	2.91
Carbon Tetrachloride	56-23-5	ug/m3	130	< 2.70	2.70	< 2.70	2.70
Chlorobenzene	108-90-7	ug/m3	3,100	< 4.60	4.60	< 4.60	4.60
Chloroethane	75-00-3	ug/m3		< 2.64	2.64	< 2.64	2.64
Chloroform	67-66-3	ug/m3	210	< 4.88	4.88	< 4.88	4.88
Chloromethane	74-87-3	ug/m3		< 2.06	2.06	< 2.06	2.06
Cis-1,2-Dichloroethene	156-59-2	ug/m3	370	7.33	3.96	< 3.96	3.96
cis-1,3-Dichloropropene	10061-01-5	ug/m3		< 4.54	4.54	< 4.54	4.54
Dibromochloromethane	124-48-1	ug/m3	33	< 0.85	0.85	< 0.85	0.85
Dichlorodifluoromethane	75-71-8	ug/m3		< 4.94	4.94	< 4.94	4.94
Methylene Chloride	75-09-2	ug/m3	37,000	< 8.68	8.68	< 8.68	8.68
Tetrachloroethene	127-18-4	ug/m3	290	< 6.78	6.78	< 6.78	6.78
Trans-1,2-Dichloroethene	156-60-5	ug/m3	3,700	< 3.96	3.96	< 3.96	3.96
trans-1,3-Dichloropropene	10061-02-6	ug/m3		< 4.54	4.54	< 4.54	4.54
Trichloroethene	79-01-6	ug/m3	120	46.7	2.01	19.1	2.01
Trichlorofluoromethane	75-69-4	ug/m3		< 5.61	5.61	< 5.61	5.61
Trichlorotrifluoroethane	76-13-1	ug/m3		< 7.66	7.66	< 7.66	7.66
Vinyl Chloride	75-01-4	ug/m3	91	< 1.28	1.28	< 1.28	1.28

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Project Name 10-50 Main, Ashland MA

GROUNDWATER DATA		MassDEP GW2																			
Sample Designation		Standards	MW-1		MW-1		MW-1		MW-2		MW-2		MW-2		MW-3		MW-3		B-5		B-5	
Sample Date			04/11/2022		10/20/2022		9/4/23		04/11/2022		09/17/2022		9/4/23		04/11/2022		10/20/2022		09/17/2022		9/4/23	
VOCs																						
1,1,1,2-Tetrachloroethane	ug/L	10	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,1-Trichloroethane	ug/L	4000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	ug/L	9	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	ug/L	900	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	ug/L	2000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	ug/L	80	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloropropene	ug/L	NE	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2,3-Trichlorobenzene	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	ug/L	200	1	U	1	U	1	U	1.6	-	2.6	-	1.7	-	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	ug/L	NE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	ug/L	2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	ug/L	8000	1	U	1	U	1	U	20.4	-	22.8	-	16	-	3.5	-	13.1	-	1	U	1	U
1,2-Dichloroethane	ug/L	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane	ug/L	3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/L	6000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/L	60	1	U	1	U	1	U	4.6	-	5.9	-	3.7	-	1	U	2.6	-	1	U	1	U
1,4-Dioxane - Screen	ug/L	6000	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U
2,2-Dichloropropane	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone	ug/L	50000	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Hexanone	ug/L	NE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Isopropyltoluene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	ug/L	50000	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	ug/L	50000	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzene	ug/L	1000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromobenzene	ug/L	NE	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromochloromethane	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	ug/L	6	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Bromoform	ug/L	700	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane	ug/L	7	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Carbon Disulfide	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1.3	-	1	U	1	U	1	U
Carbon Tetrachloride	ug/L	2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/L	200	1	U	1	U	1	U	29.5	-	29	-	22	-	9.2	-	24.8	-	1	U	1	U
Chloroethane	ug/L	NE	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroform	ug/L	50	1	U	2.4	-	2.4	-	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloromethane	ug/L	NE	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
cis-1,2-Dichloroethene	ug/L	**20**	**29.2**	-	12	-	**21.4**	-	**67.5**	-	**73.6**	-	**64.1**	-	4.5	-	2.9	-	1	U	1	U
cis-1,3-Dichloropropene	ug/L	10	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Dibromochloromethane	ug/L	20	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibromomethane	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	ug/L	NE	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Diethyl Ether	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Di-isopropyl ether	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Ethyl tertiary-butyl ether	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	ug/L	20000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/L	50	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Hexachloroethane	ug/L	100	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methyl tert-Butyl Ether	ug/L	50000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	ug/L	2000	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Naphthalene	ug/L	700	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
n-Propylbenzene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Styrene	ug/L	100	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
tert-Butylbenzene	ug/L	7000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tertiary-amyl methyl ether	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	ug/L	50	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrahydrofuran	ug/L	NE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	ug/L	50000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	ug/L	80	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,3-Dichloropropene	ug/L	10	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Trichloroethene	ug/L	**5**	**14.4**	-	**7.7**	-	**13.9**	-	1.2	-	1.4	-	1.1	-	1	U	1	U	1	U	1	U
Trichlorofluoromethane	ug/L	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	ug/L	2	1	U	1	U	1	U	1	U	1	U	1	U	1.4	-	1.1	-	1	U	1	U
Xylene O	ug/L	3000	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene P,M	ug/L	3000	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Xylenes (Total)	ug/L	3000	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No warranty, expressed or implied, is made. These services were performed consistent with our agreement with our client, Ashland Properties, LLC and SLV Ashland LLC. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

The purpose of the environmental assessment is to reasonably evaluate the potential for or actual impact of past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

No investigation is thorough enough to exclude the presence of all hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not therefore be construed as a guarantee of the absence of such materials on the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

This report makes no representations concerning soil and groundwater quality except as described therein. Environmental conditions may exist that were not identified by visual observation or laboratory testing.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported, naturally occurring toxic of hazardous substances, or contaminant concentrations that are not of current concern are not reflected in this document.

Hazardous materials not described in this report, other oil and hazardous materials including (but not limited to), asbestos containing material (ACM), metals, PFAS and related compounds, mold, radon and lead based paint are not part of this assessment. As indicated, this assessment is only applicable to the disposal site described herein.