



## ANALYTICAL REPORT

Lab Number:	L2454973
Client:	Converse Laboratories, Inc. 800 Starbuck Ave Suite B101 Watertown, NY 13601
ATTN:	Dave Converse
Phone:	(315) 788-8388
Project Name:	V/O HEUVELTON
Project Number:	AL24-1482
Report Date:	10/07/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2454973-01	80 WASHINGTON ST	DW	Not Specified	09/11/24 07:00	09/24/24
L2454973-02	84 WASHINGTON ST	DW	Not Specified	09/10/24 17:30	09/24/24
L2454973-03	85 RENSSELAER ST	DW	Not Specified	09/19/24 09:00	09/24/24
L2454973-04	34 LISBON ST	DW	Not Specified	09/19/24 16:15	09/24/24
L2454973-05	82 LISBON ST	DW	Not Specified	09/12/24 06:15	09/24/24
L2454973-06	36 STATE ST	DW	Not Specified	09/13/24 06:30	09/24/24
L2454973-07	19 YORK ST	DW	Not Specified	09/16/24 05:30	09/24/24
L2454973-08	21 STATE ST	DW	Not Specified	09/11/24 17:00	09/24/24
L2454973-09	148 STATE ST	DW	Not Specified	09/11/24 06:00	09/24/24
L2454973-10	29 STATE ST	DW	Not Specified	09/11/24 06:45	09/24/24

**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

---

**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

### Case Narrative (continued)

#### Report Submission

Please note that this report format does not contain typical QC parameters that were performed with these samples. As such, any QC outliers or non-conformances can only be reviewed by accessing your Alpha Customer Center account at [www.alphalab.com](http://www.alphalab.com) and building a Data Usability table (format 11) in our Data Merger tool.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 10/07/24

## METALS

**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-01  
 Client ID: 80 WASHINGTON ST  
 Sample Location: Not Specified

Date Collected: 09/11/24 07:00  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.1793		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 21:58	EPA 3005A	3,200.8	WKP
Lead, Total	0.0021		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 21:58	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON**Lab Number:** L2454973**Project Number:** AL24-1482**Report Date:** 10/07/24**SAMPLE RESULTS**

Lab ID: L2454973-02

Date Collected: 09/10/24 17:30

Client ID: 84 WASHINGTON ST

Date Received: 09/24/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.1435		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:02	EPA 3005A	3,200.8	WKP
Lead, Total	ND		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:02	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-03  
 Client ID: 85 RENSSELAER ST  
 Sample Location: Not Specified

Date Collected: 09/19/24 09:00  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.1212		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:07	EPA 3005A	3,200.8	WKP
Lead, Total	ND		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:07	EPA 3005A	3,200.8	WKP





**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-04  
 Client ID: 34 LISBON ST  
 Sample Location: Not Specified

Date Collected: 09/19/24 16:15  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.0570		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:30	EPA 3005A	3,200.8	WKP
Lead, Total	ND		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:30	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-05  
 Client ID: 82 LISBON ST  
 Sample Location: Not Specified

Date Collected: 09/12/24 06:15  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.0424		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:34	EPA 3005A	3,200.8	WKP
Lead, Total	ND		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:34	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-06  
 Client ID: 36 STATE ST  
 Sample Location: Not Specified

Date Collected: 09/13/24 06:30  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.2454		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:39	EPA 3005A	3,200.8	WKP
Lead, Total	0.0059		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:39	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON**Lab Number:** L2454973**Project Number:** AL24-1482**Report Date:** 10/07/24**SAMPLE RESULTS**

Lab ID: L2454973-07

Date Collected: 09/16/24 05:30

Client ID: 19 YORK ST

Date Received: 09/24/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.0739		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:44	EPA 3005A	3,200.8	WKP
Lead, Total	ND		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:44	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-08  
 Client ID: 21 STATE ST  
 Sample Location: Not Specified

Date Collected: 09/11/24 17:00  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.0470		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:48	EPA 3005A	3,200.8	WKP
Lead, Total	ND		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:48	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-09  
 Client ID: 148 STATE ST  
 Sample Location: Not Specified

Date Collected: 09/11/24 06:00  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.1493		mg/l	0.0010	--	1	09/27/24 12:46	10/06/24 17:14	EPA 3005A	3,200.8	WKP
Lead, Total	0.0010		mg/l	0.0010	--	1	09/27/24 12:46	10/06/24 17:14	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**SAMPLE RESULTS**

Lab ID: L2454973-10  
 Client ID: 29 STATE ST  
 Sample Location: Not Specified

Date Collected: 09/11/24 06:45  
 Date Received: 09/24/24  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Copper, Total	0.0779		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:53	EPA 3005A	3,200.8	WKP
Lead, Total	0.0022		mg/l	0.0010	--	1	09/30/24 11:34	10/06/24 22:53	EPA 3005A	3,200.8	WKP



**Project Name:** V/O HEUVELTON**Lab Number:** L2454973**Project Number:** AL24-1482**Report Date:** 10/07/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent
C	Absent
D	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2454973-01A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-02A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-03A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-04A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-05A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-06A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-07A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-08A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-09A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)
L2454973-10A	Plastic 950ml HNO3 preserved	B	2	<2	2.2	N	Absent		CU-2008T(180),PB-2008T(180)



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report - No QC



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Chlordane:** The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Gasoline Range Organics (GRO):** Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**Report Format:** DU Report - No QC



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

**Data Qualifiers**

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report - No QC

---



**Project Name:** V/O HEUVELTON  
**Project Number:** AL24-1482

**Lab Number:** L2454973  
**Report Date:** 10/07/24

## REFERENCES

- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

---

The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625.1:** alpha-Terpineol

**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Nonpotable Water:** EPA RSK-175 Dissolved Gases

**Biological Tissue Matrix:** EPA 3050B

---

The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).

**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


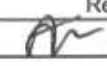
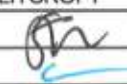
**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1** Hg.

**SM2340B**

---

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 <p><b>NEW YORK CHAIN OF CUSTODY</b></p> <p>Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193</p> <p>Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3286</p>	<p><u>Service Centers</u> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105</p>		<p>Page 1 of 1</p>		<p>Date Rec'd in Lab <span style="font-size: 1.5em;">9/25/24</span></p>				<p>ALPHA Job # <span style="font-size: 1.5em;">L2454973</span></p>																																																																																																																																																																																																																																																																																			
	<p><u>Project Information</u> Project Name: V/O HEUVELTON Project Location: Project # AL24-1482 (Use Project name as Project #) <input type="checkbox"/></p>			<p><u>Deliverables</u> <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other</p>				<p><u>Billing Information</u> <input checked="" type="checkbox"/> Same as Client Info PO #</p>																																																																																																																																																																																																																																																																																				
	<p><u>Client Information</u> Client: Converse Laboratories Inc Address: 800 Starbuck Ave Ste B101 Watertown, NY 13601 Phone: 315-788-8388 Fax: 315-788-9258 Email: customerservice2@conver</p>			<p><u>Project Manager:</u> Brenda Pirinelli <u>ALPHAQuote #:</u> <u>Turn-Around Time</u> Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:</p>			<p><u>Regulatory Requirement</u> <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge</p>		<p><u>Disposal Site Information</u> Please identify below location of applicable disposal facilities. <u>Disposal Facility:</u> <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:</p>																																																																																																																																																																																																																																																																																			
<p>These samples have been previously analyzed by Alpha <input type="checkbox"/></p> <p><u>Other project specific requirements/comments:</u></p> <p>Please specify Metals or TAL.</p>							<p><b>ANALYSIS</b></p>				<p><u>Sample Filtration</u> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <u>Preservation</u> <input type="checkbox"/> Lab to do  (Please Specify below)</p>																																																																																																																																																																																																																																																																																	
							<p>Pb/Cu</p>				<p><u>Sample Specific Comments</u></p>																																																																																																																																																																																																																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">1</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>54973-01</td><td>80 WASHINGTON ST</td><td>9/11/2024</td><td>0700A</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>02</td><td>84 WASHINGTON ST</td><td>9/10/2024</td><td>1730P</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>-03</td><td>85 RENSSELAER ST</td><td>9/19/2024</td><td>0900A</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>-04</td><td>34 LISBON ST</td><td>9/19/2024</td><td>1615P</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>-05</td><td>82 LISBON ST</td><td>9/12/2024</td><td>0615A</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>06</td><td>36 STATE ST</td><td>9/13/2024</td><td>0630A</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>07</td><td>19 YORK ST</td><td>9/16/2024</td><td>0530A</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>-08</td><td>21 STATE ST</td><td>9/11/2024</td><td>1700P</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>-09</td><td>148 STATE ST</td><td>9/11/2024</td><td>0600A</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>-10</td><td>29 STATE ST</td><td>9/11/2024</td><td>0645A</td><td>DW</td><td>CLIENT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	1															Date	Time	54973-01	80 WASHINGTON ST	9/11/2024	0700A	DW	CLIENT	1																		02	84 WASHINGTON ST	9/10/2024	1730P	DW	CLIENT	1																			-03	85 RENSSELAER ST	9/19/2024	0900A	DW	CLIENT	1																			-04	34 LISBON ST	9/19/2024	1615P	DW	CLIENT	1																			-05	82 LISBON ST	9/12/2024	0615A	DW	CLIENT	1																			06	36 STATE ST	9/13/2024	0630A	DW	CLIENT	1																			07	19 YORK ST	9/16/2024	0530A	DW	CLIENT	1																			-08	21 STATE ST	9/11/2024	1700P	DW	CLIENT	1																			-09	148 STATE ST	9/11/2024	0600A	DW	CLIENT	1																			-10	29 STATE ST	9/11/2024	0645A	DW	CLIENT	1																			<p>Westboro: Certification No: MA935 Mansfield: Certification No: MA015</p>		<p><u>Container Type</u> P</p> <p><u>Preservative</u> C</p>		<p>Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS &amp; CONDITIONS.</p>						
ALPHA Lab ID (Lab Use Only)	Sample ID			Collection																			Sample Matrix	Sampler's Initials	1																																																																																																																																																																																																																																																																			
		Date	Time																																																																																																																																																																																																																																																																																									
54973-01	80 WASHINGTON ST	9/11/2024	0700A	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
02	84 WASHINGTON ST	9/10/2024	1730P	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
-03	85 RENSSELAER ST	9/19/2024	0900A	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
-04	34 LISBON ST	9/19/2024	1615P	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
-05	82 LISBON ST	9/12/2024	0615A	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
06	36 STATE ST	9/13/2024	0630A	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
07	19 YORK ST	9/16/2024	0530A	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
-08	21 STATE ST	9/11/2024	1700P	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
-09	148 STATE ST	9/11/2024	0600A	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
-10	29 STATE ST	9/11/2024	0645A	DW	CLIENT	1																																																																																																																																																																																																																																																																																						
<p><u>Preservative Code:</u> A = None B = HCl C = HNO<sub>3</sub> D = H<sub>2</sub>SO<sub>4</sub> E = NaOH F = MeOH G = NaHSO<sub>4</sub> H = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> K/E = Zn Ac/NaOH O = Other</p>		<p><u>Container Code</u> P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle</p>		<p><u>Relinquished By:</u> A. FLITCROFT</p>		<p><u>Date/Time</u> 9/24/2024 1600</p>		<p><u>Received By:</u> </p>		<p><u>Date/Time</u> 9/24/24 1700</p>																																																																																																																																																																																																																																																																																		
				<p></p>		<p>9/24/24 1800</p>																																																																																																																																																																																																																																																																																						