



Certificate of Analysis

Report CoA-2026-00816 · 3 samples · 3 methods · FINAL

CLIENT & PROJECT

| | | | |
|-----------------------|-------------|-----------------------|----------------------|
| CLIENT | CLIENT CODE | STATE | PROJECT MANAGER |
| City of Lebanon Water | LEB-WATER | NH | Harry Locker |
| REPORT STATUS | VERSION | GENERATED | RELEASED |
| FINAL | 1 | 5/22/2026, 3:32:51 AM | 6/7/2026, 3:32:51 AM |

SUMMARY OF FINDINGS

| SAMPLES | TOTAL RESULTS | EXCEEDANCES | HOLDING TIME NON-COMPLIANT | METHODS |
|---------|---------------|-------------|----------------------------|--------------------------------|
| 3 | 11 | 0 | 0 | EPA 537.1, EPA 8260C, SM 5210B |

LABORATORY ACCREDITATION

EPA VT00045

UCMR 5 PFAS · SDWA Compliance Monitoring · expires 2027-06-30 · US EPA Region 1

NH NH-200405

Drinking Water (Env-Dw 700) · Wastewater (NPDES) · PFAS · expires 2027-06-30 · NH DES

NY NY11849

Subpart 5-1 Drinking Water · Non-Potable Water (NELAP) · Solid & Hazardous Waste -- expires 2027-03-31 · NYS DOH ELAP

ISO_17025 L18-0445

ISO/IEC 17025:2017 · expires 2027-09-15 · A2LA

VT VT-LAB-0045

Drinking Water (VT WSR) · Wastewater (NPDES) · Solid Waste · expires 2026-12-31 · VT Department of Health

AUTHORIZATION

Harry Locker

LABORATORY DIRECTOR · 6/7/2026

CLIENT ACKNOWLEDGMENT · DATE



SAMPLE RECEIPT SUMMARY

Samples were received at the laboratory under chain-of-custody. Receipt conditions were verified per Endyne QA-SOP-04 against acceptance criteria for cooler temperature (0-6°C), tamper seal integrity, container condition, and preservation. Findings per sample appear below.

| ACCESSION | SITE | MATRIX | CONTAINER | PRES. | COOLER °C | CONT. COND. | PH CHK | HT |
|----------------|---------------|-------------|---------------------|-------|-----------|-------------|--------|-------------|
| ENV-2026-04775 | BURL-PFAS-W1 | WATER | 250mL polypropylene | iced | 3.7 | INTACT | n/a | PASS |
| ENV-2026-04776 | BURL-PFAS-W1 | WATER | 40mL VOA vial | HCl | 3.7 | INTACT | 1.6 | PASS |
| ENV-2026-04777 | BURL-WWTP-001 | WASTE-WATER | 1L plastic | iced | 5.8 | INTACT | n/a | PASS |

CHAIN OF CUSTODY

| COC # | COOLER ID | SEALS | SHIPPING |
|---------------|-----------|----------------------|------------------------|
| COC-2026-0369 | CLR-396 | 100749,100750 intact | FedEx 7181848639273 |
| COC-2026-0369 | CLR-396 | 100749,100750 intact | FedEx 7181848639273 |
| COC-2026-0370 | CLR-139 | 100751,100752 intact | UPS 1ZDOOUT08LFJB44099 |



CASE NARRATIVE

All 3 samples were received intact at the laboratory with cooler temperatures within the 0-6°C acceptance range and preservation verified per method requirements. No discrepancies were noted at receipt.

All analyses were performed within method-specified holding times.

Quality control performance for the analytical batch met all method criteria except as flagged. Method blanks were prepared in parallel with each batch and were below the reporting limit for the target analytes. Laboratory Control Sample (LCS) recoveries were within the 80-120% acceptance window for inorganic methods and within method-specific limits for organic methods. Surrogate spike recoveries were within method acceptance criteria for the organic compound determinations.

No analyte exceeded the published EPA Maximum Contaminant Level (MCL) or other listed regulatory limits in this report.

Analytical methods used in this report: EPA 537.1, EPA 8260C, SM 5210B, SM 2540D. All work performed in-house at Endyne Laboratories LLC under the cited accreditation programs. No tests were subcontracted.

METHODS USED

| METHOD | NAME | REFERENCE | CFR / CITATION | HT | PRO-GRAM |
|-----------|-------------------------------------|------------------|---------------------|-----|-----------|
| EPA 537.1 | PFAS in Drinking Water by LC-MS/MS | EPA 500 Series | 40 CFR 141 (UCMR 5) | 14d | SDWA |
| EPA 8260C | Volatile Organic Compounds by GC-MS | EPA SW-846 | 40 CFR 261 / SW-846 | 14d | RCRA |
| SM 5210B | Biochemical Oxygen Demand (BOD5) | Standard Methods | 40 CFR 136 Table IB | 2d | CWA-NPDES |
| SM 2540D | Total Suspended Solids | Standard Methods | 40 CFR 136 Table IB | 7d | CWA-NPDES |



QUALITY CONTROL SUMMARY

Method blanks, Laboratory Control Samples (LCS), Matrix Spike / Matrix Spike Duplicate (MS/MSD), and applicable surrogates were prepared with each analytical batch. Results below reflect the QC performance for the batch in which client samples were analyzed.

Method Blank · LCS · MS/MSD

| METHOD | METHOD BLANK | LCS %REC | LCS LIMITS | MS %REC | MSD %REC | RPD % | RPD LIMIT | STATUS |
|-----------|--------------|----------|------------|---------|----------|--------|-----------|-------------|
| EPA 537.1 | < RL | 105 % | 80-120 % | 108 % | 90 % | 18.2 % | d 20 % | PASS |
| EPA 8260C | < RL | 108 % | 80-120 % | 107 % | 89 % | 18.4 % | d 20 % | PASS |
| SM 5210B | < RL | 102 % | 80-120 % | 106 % | 109 % | 2.8 % | d 20 % | PASS |
| SM 2540D | < RL | 105 % | 80-120 % | 109 % | 109 % | 0.0 % | d 20 % | PASS |

Surrogate Recoveries

| METHOD | SURROGATE | RECOVERY % | LIMITS | STATUS |
|-----------|------------|------------|----------|-------------|
| EPA 537.1 | M2PFOA | 105 % | 70-130 % | PASS |
| EPA 8260C | Toluene-d8 | 100 % | 70-130 % | PASS |

**ANALYTICAL RESULTS**

Results below were obtained for samples covered by this CoA. Qualifier definitions appear at the end of this section.

| SAMPLE | METHOD | ANALYTE | RESULT | UNITS | MDL | RL | LIMIT | QUAL | FLAG |
|----------------|-----------|---------------------------|--------|-------|-----|-----|-------|------|------|
| ENV-2026-04775 | EPA 537.1 | Perfluorooctane Sulfonate | J 1.66 | ng/L | 0.5 | 2 | 4 | J | NONE |
| ENV-2026-04775 | EPA 537.1 | PFHxS | J 0.80 | ng/L | 0.5 | 2 | 10 | J | NONE |
| ENV-2026-04775 | EPA 537.1 | PFNA | < 2 | ng/L | 0.5 | 2 | 10 | U | NONE |
| ENV-2026-04775 | EPA 537.1 | Perfluorooctanoic Acid | J 1.52 | ng/L | 0.5 | 2 | 4 | J | NONE |
| ENV-2026-04776 | EPA 8260C | Benzene | J 0.22 | µg/L | 0.2 | 0.5 | 5 | J | NONE |
| ENV-2026-04776 | EPA 8260C | Toluene | 0.64 | µg/L | 0.2 | 0.5 | 1000 | | NONE |
| ENV-2026-04776 | EPA 8260C | Trichloroethylene | J 0.20 | µg/L | 0.2 | 0.5 | 5 | J | NONE |
| ENV-2026-04776 | EPA 8260C | Tetrachloroethylene | J 0.33 | µg/L | 0.2 | 0.5 | 5 | J | NONE |
| ENV-2026-04776 | EPA 8260C | MTBE | J 0.50 | µg/L | 0.5 | 1 | 70 | J | NONE |
| ENV-2026-04776 | EPA 8260C | Vinyl Chloride | J 0.28 | µg/L | 0.2 | 0.5 | 2 | J | NONE |
| ENV-2026-04777 | SM 5210B | BOD5 | 9.30 | mg/L | 1 | 2 | — | | NONE |

Data Qualifier Definitions — U: analyte not detected at or above the Method Detection Limit (MDL). J: estimated value (detected between MDL and Reporting Limit, RL). B: blank contamination detected. E: result above calibration range and may be biased. RL: Reporting Limit, the lowest concentration reported as quantitative. MDL: Method Detection Limit per 40 CFR 136 Appendix B. MCL: EPA Maximum Contaminant Level, applicable to drinking water under 40 CFR 141.

Regulatory References — Methods cited per 40 CFR 136 for CWA / NPDES compliance, 40 CFR 141 for SDWA / drinking water primacy, 40 CFR 261 for RCRA waste characterization, 21 CFR 110 / FSMA for food microbiology, ISO/IEC 17025:2017 for laboratory competence. Accreditation programs and certification numbers appear on the cover page. This report shall not be reproduced except in full, without the written approval of Endyne Inc. Results reported relate only to items tested. Test results meet all requirements of ISO/IEC 17025:2017 and applicable state/EPA accreditation programs except as noted in the Case Narrative.