Certificate of Analysis

Report CoA-2026-00817 · 3 samples · 3 methods · FINAL · Version 2

CLIENT & PROJECT

CLIENT	CLIENT CODE	STATE	PROJECT MANAGER
VHB Engineering	VHB	NH	Harry Locker

REPORT STATUS	VERSION	GENERATED	RELEASED
FINAL	2	5/20/2026, 3:32:51 AM	5/23/2026, 3:32:51 AM

SUMMARY OF FINDINGS

SAMPLES	TOTAL RESULTS	EXCEEDANCES	HOLDING TIME NON-COMPLIANT	METHODS
3	9	0	1	SM 5210B, EPA 300.0, EPA 537.1

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 · 5/23/2026

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-2026-04773	LC-MAL-03	WATER	1L plastic	iced	5.5	INTACT	n/a	PASS
ENV-2026-04774	LC-MAL-03	WATER	500mL HDPE	iced	5.5	INTACT	n/a	PASS
ENV-2026-04775	BURL-PFAS-W1	WATER	250mL polypropylene	iced	3.7	INTACT	n/a	PASS

CHAIN OF CUSTODY

COC #	COOLER ID	SEALS	SHIPPING
COC-2026-0368	CLR-732	100747,100748 intact	UPS 1ZTASINMQU6L1I1528
COC-2026-0368	CLR-732	100747,100748 intact	UPS 1ZTASINMQU6L1I1528
COC-2026-0369	CLR-396	100749,100750 intact	FedEx 7181848639273

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.

1 result(s) were generated outside the method-specified holding time. Affected results are qualified appropriately and noted in the analytical results table. Reported values may be biased low and should be interpreted with caution.

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: SM 5210B, EPA 300.0, EPA 537.1. 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
SM 5210B	Biochemical Oxygen Demand (BOD5)	Standard Methods	40 CFR 136 Table IB	2d	CWA-NPDES
EPA 300.0	Inorganic Anions by IC	EPA 300 Series	40 CFR 141 §141.23 / 40 CFR 136 Table IB	28d	SDWA
EPA 537.1	PFAS in Drinking Water by LC-MS/MS	EPA 500 Series	40 CFR 141 (UCMR 5)	14d	SDWA

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
SM 5210B	< RL	102 %	80-120 %	106 %	109 %	2.8 %	d 20 %	PASS
EPA 300.0	< RL	103 %	80-120 %	105 %	109 %	3.7 %	d 20 %	PASS
EPA 537.1	< RL	105 %	80-120 %	108 %	90 %	18.2 %	d 20 %	PASS

Surrogate Recoveries

METHOD	SURROGATE	RECOVERY %	LIMITS	STATUS
EPA 537.1	M2PFOA	105 %	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-2026-04773	SM 5210B	BOD5	9.14	mg/L	1	2	—		NONE
ENV-2026-04774	EPA 300.0	Nitrate (as N)	0.13	mg/L	0.05	0.1	10		NONE
ENV-2026-04774	EPA 300.0	Chloride	23.66	mg/L	0.5	1	—		NONE
ENV-2026-04774	EPA 300.0	Sulfate	11.19	mg/L	0.5	1	—		NONE
ENV-2026-04774	EPA 300.0	Fluoride	0.54	mg/L	0.05	0.1	4		NONE
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

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.