

Board of Commissioners  
Emerald Lake Village District  
PO Box 1753  
Hillsborough , NH 03244



Laboratory Report for:

Eastern Analytical, Inc. ID: 284028

Client Identification: Emerald Lake Village District - Beach Testing | Meetinghouse Beach Retest

Date Received: 8/16/2024

Enclosed are the analytical results per the Chain of Custody for sample(s) in the referenced project. All analyses were performed in accordance with our QA/QC Program, NELAP and other applicable state requirements. All quality control criteria was within acceptance criteria unless noted on the report pages. Results are for the exclusive use of the client named on this report and will not be released to a third party without consent.

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

The following standard abbreviations and conventions apply to all EAI reports:

- < : "less than" followed by the reporting limit
- > : "greater than" followed by the reporting limit
- %R : % Recovery

Certifications:

Eastern Analytical, Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012), New York (12072) and West Virginia (9910C). Please refer to our website at [www.easternanalytical.com](http://www.easternanalytical.com) for a copy of our certificates and accredited parameters.

References:

- EPA 600/4-79-020, 1983
- Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd edition or noted revision year.
- Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- Hach Water Analysis Handbook, 4th edition, 1992
- ASTM International

If you have any questions regarding the results contained within, please feel free to contact customer service. Unless otherwise requested, we will dispose of the sample(s) 6 weeks from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

  
Lorraine Olashaw, Lab Director

8.20.24  
Date



# SAMPLE CONDITIONS PAGE

EAI ID#: 284028

Client: **Emerald Lake Village District**

Client Designation: **Emerald Lake Village District - Beach Testing | Meetinghouse Beach Retest**

**Temperature upon receipt (°C): 6.0**

**Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
284028.01	Meetinghouse - Right	8/16/24	8/16/24 13:42	aqueous		Adheres to Sample Acceptance Policy
284028.02	Meetinghouse - Left	8/16/24	8/16/24 13:43	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.
- Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.
- Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.
- Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.



# LABORATORY REPORT

EAI ID#: 284028

Client: **Emerald Lake Village District**

Client Designation: **Emerald Lake Village District - Beach Testing | Meetinghouse Beach Retest**

Sample ID: Meetinghouse - Meetinghouse -  
Right Left

Lab Sample ID: 284028.01 284028.02

Matrix: aqueous aqueous

Date Sampled: 8/16/24 8/16/24

Date Received: 8/16/24 8/16/24

E.coli 6.3 5.2

Analysis				
Units	Date	Time	Method	Analyst
MPN/100ml	8/16/24	14:45	9223B-04	SEL

**CHAIN-OF-CUSTODY RECORD**

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

SAMPLE I.D.	SAMPLING DATE/TIME *IF COMPOSITE, INDICATE BOTH START & FINISH DATE/TIME	MATRIX (SEE BELOW)		VOC	SVOC	ICP	INORGANICS	MICRO	METALS	OTHER	NOTES # MEQH VIAL #	
		GRAB	COMPOSITE									
Meetinghouse - Right	8/16/24 14:12 pm	SW	W	524.2 524.2 MTBE ONLY 8260 624 VTICs 1, 4 DIOXANE 8021 8015 GRO MAVPH 8270 625 ABN PAH EDB DBCP TPH8100 LI L2 8015 DRO MAEPH PEST 608 PCB 608 PEST 8081 PCB 8082 OIL & GREASE 1664 TPH 1664 TCLP 1311 ABN METALS VOC PEST HERB BOD CBOD TS TSS TDS Br Cl F SO4 NO2 NO3 NO3NO2 TRN NH3 TN T. PHOS. O. PHOS. pH T. RES. CHLORINE SPEC. CON. T. ALK. COD PHENOLS TOC DOC TOTAL CYANIDE TOTAL SULFIDE REACTIVE CYANIDE REACTIVE SULFIDE FLASHPOINT IGNITABILITY TOTAL COLIFORM E. COLI FECAL COLIFORM ENTEROCOCCI HETEROTROPHIC PLATE COUNT DISSOLVED METALS (LIST BELOW) TOTAL METALS (LIST BELOW)								147
Meetinghouse - Left	8/16/24 14:3 pm	SW	W									143

MATRIX: A-AIR, S-SOIL, GW-GROUND WATER, SW-SURFACE WATER, DW-DRINKING WATER, WW-WASTE WATER  
PRESERVATIVE: H-HCL, N-NHNO3, S-H2SO4, Na-NaOH, M-MEONH

**PROJECT MANAGER:** Board of Commissioners  
**COMPANY:** Emerald Lake Village District  
**ADDRESS:** 147 W. Main St  
**CITY:** Hillsborough **STATE:** NH **ZIP:** 03244  
**PHONE:** 603-464-3128 **EXT.:** \_\_\_\_\_  
**E-MAIL:** info@emeraldvillage.com  
**SITE NAME:** \_\_\_\_\_  
**PROJECT #:** Meetinghouse Beach Rest  
**STATE:** NH MA ME VT OTHER: \_\_\_\_\_  
**REGULATION PROGRAM:** NPDES: RGP POTW STORMWATER OR GWP, OIL FUND, BROWNFIELD OR OTHER: \_\_\_\_\_

**QA/QC REPORTING**  
 A B C  
 MA MCP  
 TEMP: 16.0 °C  
 ICE?  YES  NO  
**REPORTING OPTIONS**  
 PRELIMS: YES OR NO  
 ELECTRONIC OPTIONS  
 PDF  EXCEL  
 EQUUS  
 OTHER \_\_\_\_\_  
**TURN AROUND TIME**  
 24hr\* 3-4 Days\* 48hr\*  
 5 Day  7 Day  10 Day  
 \*Pre-approval Required

**SAMPLER:** Michael Carr  
**RELINQUISHED BY:** Michael Carr **DATE:** 8/16/24 **TIME:** 14:34  
**RECEIVED BY:** Jessy W  
**RELINQUISHED BY:** \_\_\_\_\_ **DATE:** \_\_\_\_\_ **TIME:** \_\_\_\_\_  
**RECEIVED BY:** \_\_\_\_\_

**METALS:** 8 RCA 13 PP FE, MN PB, CU  
**OTHER METALS:** \_\_\_\_\_  
**SAMPLES FIELD FILTERED?**  YES  NO  
**NOTES:** (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)  
**SUSPECTED CONTAMINATION:** \_\_\_\_\_  
**FIELD READINGS:** \_\_\_\_\_  
**SITE HISTORY:** \_\_\_\_\_