



NASHOBA ANALYTICAL

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC

31A Willow Road Ayer, Massachusetts 01432
Phone: 978-391-4428 | website: www.nashobaanalytical.com

Laboratory Report

Nashoba Assoc. Boards of Health
30 Central Avenue
Ayer, MA 01432

Date Printed: 08/06/2024
Work Order #: 2408-00707
Client Job #: NABH# NA9438
Date Received: 08/05/2024
Sample collected in: Massachusetts

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

Nashoba Analytical:
Identified by MA in the Analyst Column
31A Willow Road, Ayer, MA 01432
www.nashobaanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- DF: "Dilution factor" means the ratio of the volume of the sample to the volume of the final (dilute) solution.
- MDL: "Minimum Detection Limit" means the minimum result which can be reliably discriminated from a blank with a predetermined confidence level.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **None**
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: None**

SAMPLE STATE SPECIFIC NOTES:

Additional Narrative or Comments: **None**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.

Erin Shaw
Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507
Nashoba Analytical: Accreditations: Massachusetts M-MA1118



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CERTIFICATE OF ANALYSIS FOR RECREATIONAL WATER

Legend

DATE PRINTED: 08/06/2024
CLIENT NAME: Nashoba Assoc. Boards of Health
CLIENT ADDRESS: 30 Central Avenue
Ayer, MA 01432

Passes
Fails EPA Primary
Fails EPA Secondary
Fails State Guideline
Attention

SAMPLE ID #: 2408-00707-001
SAMPLED BY: Beauvais, Kolby

DATE AND TIME COLLECTED: 08/05/2024 10:33AM

DATE AND TIME RECEIVED: 08/05/2024 10:57AM

ANALYSIS PACKAGE: M-Beach

RECEIPT TEMPERATURE: 25.9° CELSIUS

CLIENT JOB #: NABH# NA9438

LOCATION: Mirror Lake Devens

MORE LOC INFO:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
E. coli MPN*	155	MPN/100mL	✓		1	235/100 mL	SM 9223B	ES-MA	08/06/2024 09:22AM
Total Coliform / E.coli Bacteria Preparation (Colilert®-18 Quanti-Tray®) 20th ED							SM 9223B	MR-MA	08/05/2024 01:38PM

Erin Shaw
Laboratory Director

2408-6707

Client Information

Date: _____
 Client Name: Mirror Lake
 Address: 98 Patton rd
 City: Devens
 Phone (Home): _____
 Phone (Alternate): _____
 Email: _____

Sample Information

Date Sampled: 8/5/24
 Time Sampled: 10:33
 Sampled by: KB
 Location: Mirror Lake

Test Requirements

	Total Coliform	\$25.00		Copper & Lead	\$45.00
	Total Plate Count	\$30.00		Fluoride	\$30.00
X	E.coli (Beaches)	\$40.00		Iron	\$30.00
	Fecal Coliform (Non-Potable)	\$30.00		Manganese	\$30.00
	Basic Scan (NA General Pkg)	\$110.00		Gross Alpha	\$90.00
	Comprehensive (Basic, As,Pb)	\$150.00		Harvard Regs (Comp/Rn/Alpha)	\$295.00
	Radon	\$40.00		Harvard Spec. (Comp/Rn/Alpha/PFAS)	\$680.00
	Volatile Organics (EPA524.2)	\$150.00		Stow 1 (Comp, Zn, TDS, VOC, Rn, Alpha)	\$460.00
	Arsenic	\$30.00		Stow 2 (Comp, Zn, TDS)	\$220.00
	Lead	\$30.00		Nitrates	\$30.00
	Uranium	\$60.00		Title V (TC, NH3, NO3, NO2)	\$80.00
	Radium 226/Radium 228	\$290.00		Other	
	Sodium	\$30.00		RUSH	\$75.00

For questions regarding results, contact:

Nashoba Associated Boards of Health
 30 Central Avenue
 Ayer MA 01432
 tel 978-772-3335 or 800-427-9762

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Massachusetts Certified
 Laboratory #M-MA1118

25.9°C
 8/5/24
 10:57
 JFW