



# GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038  
Phone (800) 699-9920 | (603) 432-3044 website [www.granitestateanalytical.com](http://www.granitestateanalytical.com)

## Laboratory Report

**Pennichuck Water Works**  
25 Walnut St  
Nashua, NH 03060

Date Printed: 11/10/2023  
Work Order #: 2311-01120  
Client Job #:  
Date Received: 11/07/2023  
Sample collected in: New Hampshire

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](http://www.allaboratory.com)

**Granite State Analytical Services LLC:**  
*Identified by NH in Analyst Column*  
22 Manchester Road, Derry, NH 03038  
[www.granitestateanalytical.com](http://www.granitestateanalytical.com)

**Nashoba Analytical:**  
*Identified by MA in the Analyst Column*  
31A Willow Road, Ayer, MA 01432  
[www.nashobaanalytical.com](http://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.



Donald A. D'Anjou, Ph. D.  
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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## DRINKING WATER NON COMPLIANCE REPORT

**DATE PRINTED:** 11/10/2023  
**SAMPLE ID #:** 2311-01120-001  
**SAMPLED BY:** Boisvert, Glenn P

**CHEMICAL RESULTS FOR THE QUARTER 2023**  
**LAB ID#:** 1015

**SAMPLE CATEGORY:** Treatment Evaluation  
**SYSTEM NAME:** Sandown Central Sch  
**SYSTEM TOWN:** Sandown  
**SAMPLE AGENT #:** 603-913-2177  
**SAMPLE LOCATION:** BRW 1 /4 FT NW OF BLDG

**EPA ID#:** 2085010

**BAR CODE:** 20231018001-001

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✕
Attention	⚠

**DATE & TIME COLLECTED:** 11/06/2023 12:05PM  
**DATE & TIME RECEIVED:** 11/07/2023 09:22AM  
**WATER SYS TYPE:** Non-Transient, Non-Community  
**RECEIPT TEMP:** ON ICE 1.4° CELSIUS  
**CLIENT JOB #:**

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Iron*	3.73	mg/L	⚠		0.015	0.3 mg/L	EPA 200.7	DG-NH	11/09/2023 01:45PM
Manganese*	0.229	mg/L	⚠		0.001	0.05 mg/L	EPA 200.8	JLR-NH	11/08/2023 01:13PM



Donald A. D'Anjou, Ph. D.  
Laboratory Director



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## DRINKING WATER NON COMPLIANCE REPORT

**DATE PRINTED:** 11/10/2023  
**SAMPLE ID #:** 2311-01120-002  
**SAMPLED BY:** Boisvert, Glenn P

**CHEMICAL RESULTS FOR THE QUARTER 2023**  
**LAB ID#:** 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

**SAMPLE CATEGORY:** Treatment Evaluation  
**SYSTEM NAME:** Sandown Central Sch  
**SYSTEM TOWN:** Sandown  
**SAMPLE AGENT #:** 603-913-2177  
**SAMPLE LOCATION:** 501 Rest Rm With Stalls By Boiler Rm/001

**EPA ID#:** 2085010

**DATE & TIME COLLECTED:** 11/06/2023 12:10PM  
**DATE & TIME RECEIVED:** 11/07/2023 09:22AM  
**WATER SYS TYPE:** Non-Transient, Non-Community  
**RECEIPT TEMP:** ON ICE 1.4° CELSIUS  
**CLIENT JOB #:**

**BAR CODE:** 20231018001-002

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Iron*	0.014	mg/L	✓		0.01	0.3 mg/L	EPA 200.7	DG-NH	11/09/2023 12:50PM
Manganese*	0.143	mg/L	▼		0.001	0.05 mg/L	EPA 200.8	JLR-NH	11/08/2023 01:16PM



Donald A. D'Anjou, Ph. D.  
Laboratory Director