



# 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: 03/28/2022  
Work Order #: 2203-03408  
Client Job #:  
Date Received: 03/24/2022  
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)

### ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical LLC. 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, LLC: Accreditations: Massachusetts M-MA1118



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## DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 03/28/2022  
SAMPLE ID #: 2203-03408-001  
SAMPLED BY: Nelson, William-PWW

CHEMICAL RESULTS FOR THE QUARTER 2022  
LAB ID#: 1015

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

SAMPLE CATEGORY: Treatment Evaluation  
SYSTEM NAME: TIMBERLANE REGIONAL HS  
SYSTEM TOWN: Plaistow  
SAMPLE AGENT #: 603-913-2378  
SAMPLE LOCATION: BRW 1 /130 FT E OF BLDG

EPA ID#: 1935030

DATE & TIME COLLECTED: 03/23/2022 12:00PM  
DATE & TIME RECEIVED: 03/24/2022 09:38AM  
WATER SYS TYPE: Non-Transient, Non-Community  
RECEIPT TEMP: ON ICE 2.3° CELSIUS  
CLIENT JOB #:

BAR CODE: 20220225183-001

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Iron*	0.183	mg/L	✓		0.01	0.3 mg/L	EPA 200.7	JLR-NH	03/28/2022 12:51PM
Manganese*	0.0763	mg/L	▽		0.001	0.05 mg/L	EPA 200.8	DG-NH	03/25/2022 06:35PM



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## DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 03/28/2022  
SAMPLE ID #: 2203-03408-002  
SAMPLED BY: Nelson, William-PWW

### CHEMICAL RESULTS FOR THE QUARTER 2022

LAB ID#: 1015

SAMPLE CATEGORY: Treatment Evaluation  
SYSTEM NAME: TIMBERLANE REGIONAL HS  
SYSTEM TOWN: Plaistow  
SAMPLE AGENT #: 603-913-2378  
SAMPLE LOCATION: 502 DEP TAP ALL TRT/001

EPA ID#: 1935030

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

DATE & TIME COLLECTED: 03/23/2022 12:00PM  
DATE & TIME RECEIVED: 03/24/2022 09:38AM  
WATER SYS TYPE: Non-Transient, Non-Community  
RECEIPT TEMP: ON ICE 2.3° CELSIUS  
CLIENT JOB #:

BAR CODE: 20220225183-002

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Iron*	0.011	mg/L	✓		0.01	0.3 mg/L	EPA 200.7	JLR-NH	03/28/2022 12:54PM
Manganese*	0.0016	mg/L	✓		0.001	0.05 mg/L	EPA 200.8	DG-NH	03/25/2022 06:56PM



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## DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 03/28/2022  
SAMPLE ID #: 2203-03408-003  
SAMPLED BY: Nelson, William-PWW

### CHEMICAL RESULTS FOR THE QUARTER 2022

LAB ID#: 1015

SAMPLE CATEGORY: Treatment Evaluation  
SYSTEM NAME: TIMBERLANE REGIONAL HS  
SYSTEM TOWN: Plaistow  
SAMPLE AGENT #: 603-913-2378  
SAMPLE LOCATION: GREENSAND EFFLUENT

EPA ID#: 1935030

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

DATE & TIME COLLECTED: 03/23/2022 12:02PM  
DATE & TIME RECEIVED: 03/24/2022 09:38AM  
WATER SYS TYPE: Non-Transient, Non-Community  
RECEIPT TEMP: ON ICE 2.3° CELSIUS  
CLIENT JOB #:

BAR CODE: 20220225183-003

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Iron*	0.019	mg/L	✓		0.01	0.3 mg/L	EPA 200.7	JLR-NH	03/28/2022 12:56PM
Manganese*	0.0127	mg/L	✓		0.001	0.05 mg/L	EPA 200.8	DG-NH	03/25/2022 07:00PM



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Laboratory Director