



# A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210  
Phone (207) 784-5354 website [www.allaboratory.com](http://www.allaboratory.com)

## Laboratory Report

Southwest Harbor Water District  
PO Box 1100  
Southwest Harbor, ME 04679

Date Printed: 03/26/2021  
Work Order #: 2103-02333  
Client Job #:  
Date Received: 03/18/2021  
Sample collected in: Maine

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. 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: H = Hold time non-compliant.**

### SAMPLE STATE SPECIFIC NOTES:

- The thermal preservation requirement of 4°C for nitrate & nitrite has been waived by the Maine CDC for all samples submitted to the Drinking Water Program.

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.

Rebecca L. Labranche  
Laboratory Director



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## CERTIFICATE OF ANALYSIS FOR DRINKING WATER

**DATE PRINTED:** 03/26/2021  
**CLIENT NAME:** Southwest Harbor Water District      **PWSID#:** ME0091490  
**CLIENT ADDRESS:** PO Box 1100  
 Southwest Harbor, ME 04679  
**SAMPLE ID #:** 2103-02333-001  
**SAMPLED BY:** Unknown  
**LOCATION:** TP-1 EP (TP 1-LONG POND), Tap F/N

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

**DATE AND TIME COLLECTED:** 03/17/2021 01:30PM  
**DATE AND TIME RECEIVED:** 03/18/2021 10:50AM  
**ANALYSIS PACKAGE:** A & L-IC-IOC Compliance-ME  
**RECEIPT TEMPERATURE:** ON ICE 4° CELSIUS  
**CLIENT JOB #:**

**MORE LOC INFO:**

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Turbidity*	<0.5	NTU	✔		0.5	5 NTU	EPA 180.1	DG-NH	03/19/2021 08:59AM
Calcium*	1.8	mg/L			1	No Limit	EPA 200.7	JLR-NH	03/19/2021 01:07PM
Iron*	<0.01	mg/L	✔		0.01	0.3 mg/L	EPA 200.7	JLR-NH	03/19/2021 01:07PM
Magnesium*	<1	mg/L			1	No Limit	EPA 200.7	JLR-NH	03/19/2021 01:07PM
Sodium*	8.3	mg/L			1	No Limit	EPA 200.7	JLR-NH	03/19/2021 01:07PM
Antimony*	<0.001	mg/L	✔		0.001	0.006 mg/L	EPA 200.8	JLR-NH	03/23/2021 02:20PM
Arsenic*	0.0010	mg/L	✔		0.001	0.010 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Barium*	0.0020	mg/L	✔		0.001	2.00 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Beryllium*	<0.001	mg/L	✔		0.001	0.004 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Cadmium*	<0.001	mg/L	✔		0.001	0.005 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Chromium*	<0.001	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Copper*	<0.001	mg/L	✔		0.001	1.3 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Lead*	<0.001	mg/L	✔		0.001	0.015 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Manganese*	0.0018	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Mercury*	<0.0001	mg/L	✔		0.0001	0.002 mg/L	EPA 200.8	JLR-NH	03/26/2021 12:29PM
Nickel*	<0.001	mg/L			0.001	No limit	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Selenium*	<0.001	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	JLR-NH	03/23/2021 02:20PM
Silver*	<0.001	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	JLR-NH	03/23/2021 02:20PM
Thallium*	<0.001	mg/L	✔		0.001	0.002 mg/L	EPA 200.8	JLR-NH	03/23/2021 02:20PM
Uranium*	<1	ug/L	✔		1	30 ug/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Zinc*	0.0015	mg/L	✔		0.001	5 mg/L	EPA 200.8	JLR-NH	03/23/2021 08:35PM
Uranium	<0.67	pCi/L	✔		0.67	20 pCi/L	EPA 200.8 Calc.	JLR-NH	03/23/2021 08:35PM
Chloride*	11	mg/L	✔		2	250 mg/L	EPA 300.0	JR-ME	03/18/2021 01:14PM

Rebecca L. Labranche  
Laboratory Director



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Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

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**ANALYSIS PACKAGE:** A & L-IC-IOC Compliance-ME  
**RECEIPT TEMPERATURE:** ON ICE 4° CELSIUS  
**CLIENT JOB #:**

**LOCATION:** TP-1 EP (TP 1-LONG POND), Tap F/N

**MORE LOC INFO:**

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Fluoride*	<0.2	mg/L	✓		0.2	4.0 mg/L	EPA 300.0	JR-ME	03/18/2021 01:14PM
Nitrate as N*	<0.2	mg/L	✓		0.2	10 mg/L	EPA 300.0	JR-ME	03/18/2021 01:14PM
Nitrite as N*	<0.2	mg/L	✓		0.2	1 mg/L	EPA 300.0	JR-ME	03/18/2021 01:14PM
Sulfate*	3	mg/L	✓		2	250 mg/L	EPA 300.0	JR-ME	03/18/2021 01:14PM
Color, Apparent	<5	CPU	✓		5	15 CPU	SM 2120B	DG-NH	03/19/2021 09:00AM
Hardness (calc.)*	4.5	mg CaCO3/L			2	No Limit	SM 2340 B	JLR-NH	03/19/2021 01:07PM
pH*	7.30	SU	✓	H	--	6.5 - 8.5 SU	SM 4500-H+B	JR-ME	03/18/2021 02:13PM

Rebecca L. Labranche  
 Laboratory Director