



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

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED:	08/20/2019	PWSID#:	ME0091490
CLIENT NAME:	Southwest Harbor Water District		
CLIENT ADDRESS:	PO Box 1100 Southwest Harbor, ME 04679		
SAMPLE ID#:	1908-02155-001		
SAMPLED BY:	Steven Kenney	DATE AND TIME COLLECTED:	08/14/2019 1:35PM
		DATE AND TIME RECEIVED:	08/15/2019 10:25AM
LOCATION:	DS-1 DISTRIBUTION SYSTEM, Raw Water	ANALYSIS PACKAGE:	A & L-IC-IOC Compliance
		RECEIPT TEMPERATURE:	ON ICE 6° CELSIUS
MORE LOC INFO:		CLIENT JOB #	O & M

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

Test Description	Results	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date-Time Analyzed
Turbidity*	0.54	NTU	✓		0.5	5 NTU	EPA 180.1	DS-NH	08/16/19 10:22AM
Calcium*	1.7	mg/L			1	No Limit	EPA 200.7	DS-NH	08/20/19 11:12AM
Iron*	0.018	mg/L	✓		0.01	0.3 mg/L	EPA 200.7	DS-NH	08/20/19 11:12AM
Magnesium*	<1	mg/L			1	No Limit	EPA 200.7	DS-NH	08/20/19 11:12AM
Sodium*	5.3	mg/L			1	No Limit	EPA 200.7	DS-NH	08/20/19 11:12AM
Antimony*	<0.001	mg/L	✓		0.001	0.006 mg/L	EPA 200.8	JLR-NH	08/16/19 10:05AM
Arsenic*	<0.001	mg/L	✓		0.001	0.010 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Barium*	0.0022	mg/L	✓		0.001	2.00 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Beryllium*	<0.001	mg/L	✓		0.001	0.004 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Cadmium*	<0.001	mg/L	✓		0.001	0.005 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Chromium*	<0.001	mg/L	✓		0.001	0.1 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Copper*	0.0039	mg/L	✓		0.001	1.3 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Lead*	<0.001	mg/L	✓		0.001	0.015 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Manganese*	0.0047	mg/L	✓		0.001	0.05 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Mercury*	<0.0001	mg/L	✓		0.0001	0.002 mg/L	EPA 200.8	JLR-NH	08/20/19 10:05AM
Nickel*	<0.001	mg/L	✓		0.001	No limit	EPA 200.8	CW-NH	08/20/19 2:19PM
Selenium*	<0.001	mg/L	✓		0.001	0.05 mg/L	EPA 200.8	JLR-NH	08/16/19 10:05AM
Silver*	<0.001	mg/L	✓		0.001	0.1 mg/L	EPA 200.8	JLR-NH	08/16/19 10:05AM
Thallium*	<0.001	mg/L	✓		0.001	0.002 mg/L	EPA 200.8	JLR-NH	08/16/19 10:05AM
Uranium*	<1	ug/L	✓		1	30 ug/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Zinc*	0.0033	mg/L	✓		0.001	5 mg/L	EPA 200.8	CW-NH	08/20/19 2:19PM
Uranium	<0.67	pCi/L	✓		0.67	20 pCi/L	EPA 200.8 Calc.	CW-NH	08/20/19 2:19PM
Chloride*	8	mg/L	✓		2	250 mg/L	EPA 300.0	JR-ME	08/15/19 6:11PM
Fluoride*	<0.2	mg/L	✓		0.2	4.0 mg/L	EPA 300.0	JR-ME	08/15/19 6:11PM
Nitrate as N*	<0.2	mg/L	✓		0.2	10 mg/L	EPA 300.0	JR-ME	08/15/19 6:11PM
Nitrite as N*	<0.2	mg/L	✓		0.2	1 mg/L	EPA 300.0	JR-ME	08/15/19 6:11PM
Sulfate*	3	mg/L	✓		2	250 mg/L	EPA 300.0	JR-ME	08/15/19 6:11PM
Color	10	CPU	✓		5	15 CPU	SM 2120B	DS-NH	08/16/19 10:29AM
Hardness (calc.)*	4.2	mg CaCO3/L			2	No Limit	SM 2340 B	DS-NH	08/20/19 11:12AM
pH*	6.43	SU	⚠	H	--	6.5 - 8.5 SU	SM 4500-H+ B	JR-ME	08/15/19 2:23PM



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MORE LOC INFO:

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Test Description	Results	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date-Time Analyzed
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The results presented in this report relate to the samples listed above in the condition in which they were received.
 RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
 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.
 Data Qualifier (DQ) Flags: H = Hold time non-compliant.

* ME Certified Analysis

Rebecca L. Labranche
Laboratory Director

This analysis meets State of Maine requirements except as noted.
 State Certifications: | A & L Laboratory: ME ME00021 | Granite State Analytical Services LLC: NH NH00003 |
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