



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:	08/21/2019	PWSID#:	ME0091490
CLIENT NAME:	Southwest Harbor Water District		
CLIENT ADDRESS:	PO Box 1100 Southwest Harbor, ME 04679		
SAMPLE ID#:	1908-02167-001		
SAMPLED BY:	Steven Kenney	DATE AND TIME COLLECTED:	08/14/2019 1:30PM
		DATE AND TIME RECEIVED:	08/15/2019 10:25AM
LOCATION:	DS-1 DISTRIBUTION SYSTEM, Raw Water	ANALYSIS PACKAGE:	VOC524.3-ME
		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
1,1,1,2-Tetrachloroethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,1,1-Trichloroethane*	<0.5	ug/L	✓		0.5	200 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,1,2,2-Tetrachloroethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,1,2-Trichloroethane*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,1-Dichloroethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,1-Dichloroethylene*	<0.5	ug/L	✓		0.5	7 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,1-Dichloropropylene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2,3-Trichlorobenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2,3-Trichloropropane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2,4-Trichlorobenzene*	<0.5	ug/L	✓		0.5	70 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2,4-Trimethylbenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2-Dibromo-3-chloropropane	<0.5	ug/L			0.5	0.2 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2-Dibromoethane	<0.5	ug/L			0.5	0.05 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2-Dichlorobenzene*	<0.5	ug/L	✓		0.5	600 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2-Dichloroethane*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2-Dichloropropane*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,3,5-Trimethylbenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,3-Dichlorobenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,3-Dichloropropane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
1,4-Dichlorobenzene*	<0.5	ug/L	✓		0.5	75 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
2-Chlorotoluene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
4-Chlorotoluene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
4-Isopropyltoluene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Benzene*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Bromobenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Bromochloromethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Bromodichloromethane*	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Bromoform*	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Bromomethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Carbon disulfide	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Carbon tetrachloride*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Chlorobenzene*	<0.5	ug/L	✓		0.5	100 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM



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		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
Chloroform*	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Chloromethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
cis-1,2-Dichloroethylene*	<0.5	ug/L	✓		0.5	70 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
cis-1,3-Dichloropropylene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Dibromochloromethane*	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Dibromomethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Dichlorodifluoromethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Diethyl ether	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Diisopropyl ether (DIPE)	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Ethyl tert-butyl ether (ETBE)	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Ethylbenzene*	<0.5	ug/L	✓		0.5	700 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Hexachlorobutadiene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Hexachloroethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Isopropylbenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
m&p-Xylenes	<1	ug/L			1	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Methyl tert-butyl ether (MTBE)*	<0.5	ug/L	✓		0.5	13 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Methylene chloride*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Naphthalene	<0.5	ug/L	✓		0.5	100 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
n-Butylbenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
n-Propylbenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
o-Xylene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
sec-Butylbenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Styrene*	<0.5	ug/L	✓		0.5	100 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
tert-Amyl methyl ether (TAME)	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
tert-Butyl alcohol (TBA)	<10	ug/L			10	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
tert-Butylbenzene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Tetrachloroethylene*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Tetrahydrofuran (THF)	<10	ug/L			10	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Toluene*	<0.5	ug/L	✓		0.5	1000 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Total THMs*	<0.5	ug/L	✓		0.5	80 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Total xylenes*	<0.5	ug/L	✓		0.5	10000 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM



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MORE LOC INFO:

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Passes	
Fails EPA Primary	
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Fails State Guideline	
Attention	

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ANALYSIS PACKAGE: VOC524.3-ME
RECEIPT TEMPERATURE: ON ICE 6° CELSIUS
CLIENT JOB # O & M

Test Description	Results	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date-Time Analyzed
trans-1,2-Dichloroethylene*	<0.5	ug/L	✓		0.5	100 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
trans-1,3-Dichloropropylene	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Trichloroethylene*	<0.5	ug/L	✓		0.5	5 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
Trichlorofluoromethane	<0.5	ug/L			0.5	No Limit	EPA 524.3	DD-NH	08/19/19 9:58PM
Vinyl chloride*	<0.5	ug/L	✓		0.5	2 ug/L	EPA 524.3	DD-NH	08/19/19 9:58PM
1,2-Dichlorobenzene-d4	101	%	✓		0.5	70-130%	EPA 524.3 - SS	DD-NH	08/19/19 9:58PM
4-Bromofluorobenzene	95	%	✓		0.5	70-130%	EPA 524.3 - SS	DD-NH	08/19/19 9:58PM
Methyl tert-Butyl Ether-d3	88	%	✓		0.5	70-130%	EPA 524.3 - SS	DD-NH	08/19/19 9:58PM

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: None

* 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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