Northeast Laboratory Services

P.O. BOX 788
Waterville Maine, 04901-0788

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Winslow Maine, 04901

Administrative Offices
Phone: 1-207-873-7711
Fax: 1-207-873-7022

Customer Service
Phone: 1-800-244-8378
Fax: 1-207-873-7022

Certificate of Analysis

Attention: Win Home Inspection
6 Orchard Hill Rd
Scarborough, ME 04074

Lab ID Number: 302206767
P.O. Number: 302206767 Presidential Dr
Date/Time Collected: 7/11/2022 16:30
Date/Time Received: 7/12/2022 15:40
Date Reported: 7/14/2022

Owner: Steven & Laurene Odden
Location 23 Presidentail Dr Gray ME
Sample Type: Potability

Legend
- Meets Acceptable EPA Limits
- See Notation
- Does Not Meet EPA Limits

Parameter:		Your Result:	EPA LIMIT:	Unit:	Method:	Preparation Date/Time	Analysis Date/Time:	Reporting Limit:
Chloride, Total	✓	170	250	mg/L	SM 4500Cl- E		7/13/2022 / 09:14	5.0
A 1/10 dilution was performed in order to bring the concentration of Chloride, Total into the calibration range. The reporting limit has been adjusted accordingly.								
Fluoride	✓	<0.20	4.0	mg/L	SM 4500F E		7/13/2022 / 09:53	0.20
Nitrite-Nitrogen, Total	✓	<0.20	1	mg/L	NECi Method 1.0		7/12/2022 / 17:50	0.20
Nitrate-Nitrogen, Total	✓	0.82	10	mg/L	NECi Method 1.0		7/12/2022 / 17:59	0.50
Sulfate		<1.0		mg/L	SM 4500-SO4 E		7/12/2022 / 17:49	1.0
Arsenic, Total	✓	<1.000	10.0	µg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	1.000
Lead Total	✓	<1.000	15.0	µg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	1.000
Uranium Total	✓	7.37	30	µg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	1.000
Copper Total	✓	0.00606	1.3	mg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	0.001
Iron Total	✓	<0.050	0.3	mg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	0.050
Manganese Total	✓	<0.001	.05	mg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	0.001
Sodium Total	⚠	142		mg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:54	0.005
A 1/5 dilution was performed in order to bring the concentration of Sodium Total into the calibration range. The reporting limit has been adjusted accordingly.								
*This sample is at or above the MEG of 20 mg/L of Sodium established by the MECDC. Sodium is not listed as a primary nor secondary contaminant of concern by the USEPA. See Notation 1.								
Hardness by calculation		<10		mg/L	SM 2340B	7/12/2022 / 17:00	7/13/2022 / 12:03	10
Calcium, Total		<1.000		mg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	1.000
Magnesium, Total		<1.000		mg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	1.000
Cadmium, Total	✓	<1.000	5.0	µg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	1.000
Chromium, Total		<0.001	0.10	mg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	0.001
Antimony, Total	✓	<1.000	6	µg/L	EPA 200.8	7/12/2022 / 17:00	7/13/2022 / 12:03	1.000
pH Electrometric	✓	7.60	6.5 to 8.5	stu@25C	EPA 150.1		7/12/2022 / 17:42	2.0
Total Coliform Colilert18	✓	<1		MPN/100mL	SM9223B	7/12/2022 / 16:40	7/13/2022/ 10:41	1
E.Coli - Colilert Enumeration	✓	<1	1	MPN/100mL	SM9223B	7/12/2022 / 16:40	7/13/2022/ 10:41	1

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Comments:

For the above tests only, this water meets acceptable EPA Limits.

All samples analyzed for Nitrate-N and/or Nitrite-N samples must be thermally preserved to 4±2°C. However, the Maine CDC Drinking Water Program will accept non-thermally preserved test results.

The following Notations may be referenced above.

Notation 1: The Maximum Exposure Guideline (MEG) is a health-based guideline set by the Maine Center for Disease Control and Prevention (MECDC). MEGs are recommendations for concentrations of chemical contaminants for all drinking water systems below which there is minimal risk of a harmful health effect resulting from long-term ingestion of contaminated water. These recommendations can be found online at <http://www.maine.gov/dhhs/mecdc/environmental-health/eohp/wells/documents/megtable2016.pdf>. Please contact one of the State of Maine's Bureau of Health Toxicologists, toll free, at 1-866-292-3474 for more information.

Notation 2: The Maximum Contamination Level (MCL) is set by the United States Environmental Protection Agency (USEPA) through the National Primary Drinking Water Regulations and are legally enforceable drinking water standards that apply to all public water systems. These regulations can be found online at <http://water.epa.gov/drink/contaminants/index.cfm> or by calling the Safe Drinking Water Hotline at 1-800-426-4791. Contaminants at or above the MCL are considered to impart potential negative health effects.

Notation 3: The Secondary Maximum Contamination Level (SMCL) is set by the United States Environmental Protection Agency (USEPA) through the National Secondary Drinking Water Regulations and these contaminants are not considered to present a risk to human health at the SMCL. These regulations can be found online at <http://water.epa.gov/drink/contaminants/secondarystandards.cfm> or by calling the Safe Drinking Water Hotline at 1-800-426-4791. Contaminants at or above (or below, only for pH) the SMCL may cause aesthetic considerations, such as taste, color and/or odor.

Notation 4: According to the EPA revised total coliform rule (effective April 1st, 2016) total coliform bacteria are no longer considered a primary contaminant. Total coliform bacteria are still used as indicator organisms for the presence of pathogens. Their presence in drinking water may indicate there is a route for pathogens (certain bacteria, viruses or protozoa) to enter the drinking water. Even though there is no longer an EPA limit, the presence of total coliform bacteria in drinking water is a problem requiring further action and investigation. If your water has tested positive for total coliform bacteria it is important to examine your water system and take action to eliminate the total coliform bacteria when possible. Please see the well disinfection procedure for more information @ <http://www.nelabservices.com/pdf/Well-Disinfection-Instructions.pdf>

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If you have any questions regarding your results please call 1-800-244-8378 ext 300

Authorized By

Megan Bishover, Laboratory Technical Director

7/14/2022

Review Date

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Winslow lab is accredited by the State of Maine Department of Health and Human Services, Maine Center for Disease Control and Prevention (ME00009) and by the National Environmental Laboratory Accreditation Program (NELAP) through the State of New Hampshire Environmental Laboratory Accreditation Program (#2534). To see a current list of certifications see our website: www.nelabservices.com.

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