Northeast Laboratory Services

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Phone: 1-207-873-7711
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Customer Service
Phone: 1-800-244-8378
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Certificate of Analysis

Attention: Diane OConnell
PO Box 2015
Bucksport ME 04416

Lab ID Number: 301706869
P.O. Number: 301706869 Visa
Date/Time Collected: 7/13/2017 11:00
Date/Time Received: 7/14/2017 08:30
Date Reported: 7/17/2017

Owner: Diane OConnell/HDO LLC
Location 1169 Castine Rd Orland 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	✓	22	250	mg/L	EPA 300.0		7/14/2017 / 14:16	1.0
Fluoride	✓	<0.40	4.0	mg/L	EPA 300.0		7/14/2017 / 14:16	0.40
Nitrite-Nitrogen, Total	✓	<0.20	1	mg/L	EPA 300.0		7/14/2017 / 14:16	0.20
Nitrate-Nitrogen, Total	✓	<2.0	10	mg/L	EPA 300.0		7/14/2017 / 14:16	2.0
Arsenic, Total	✓	<1.00	10.0	ug/L	EPA 200.8	7/14/2017 / 17:00	7/17/2017 / 09:42	1.00
Lead Total	✓	2.94	15.0	ug/L	EPA 200.8	7/14/2017 / 17:00	7/17/2017 / 09:42	1.00
Copper Total	✓	0.17	1.3	mg/L	EPA 200.7	7/14/2017 / 17:00	7/17/2017 / 09:43	0.05
Iron Total	✓	0.11	.3	mg/L	EPA 200.7	7/14/2017 / 17:00	7/17/2017 / 09:43	0.05
Hardness by calculation		12		mg/L	SM2340B	7/14/2017 / 17:00	7/17/2017 / 09:43	10
Manganese Total	✓	0.026	.05	mg/L	EPA 200.7	7/14/2017 / 17:00	7/17/2017 / 09:43	0.02
Sodium Total	✓	12	20.0	mg/L	EPA 200.7	7/14/2017 / 17:00	7/17/2017 / 09:43	1.0
pH Electrometric	⚠	5.22	6.5 to 8.5	stu@25C	EPA 150.1		7/14/2017 / 10:44	2.0
*This sample is below the SMCL pH 6.5-8.5 range established by the USEPA. See Notation 3.								
Total Coliform Colilert Presence/Absence	✓	Absent		/100mL	SM9223B	7/14/2017 / 09:05	7/15/2017/ 10:00	0
E.Coli - Colilert Precence/Absent	✓	Absent	Absent	/100mL	SM9223B	7/14/2017 / 09:05	7/15/2017/ 10:00	0

Comments:

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

According to EPA methods 300.0 and 353.2 nitrate and nitrite 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/megtableoct2012.pdf>. Please contact one of the State of Maine's Bureau of Health Toxicologists, toll free, at 1-866-292-3474 for more information.



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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



Zachary Smith, Chemistry Laboratory Technical Director

7/17/2017
Review Date

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Winslow lab is proudly accredited by the Maine Department of Health and Human Services, Maine Center for Disease Control and Prevention (ME00009).

