Chanalytical Laboratories Inc.
347 Main St, Unit 1B
Gorham, ME 04038
Phone: 207-747-1815
Email: Labs@chanalytical.com

Certificate of Analysis

Attention:	**CRITICAL PLUMBING INC WARD WATER**	**Lab ID Number:**	111303
	P.O. Box 111, Steep Falls, ME 04085	**Date/Time Collected:**	11-13-23 1145
	Office@wardwater.com Aaronjdion@gmail.com	**Date/Time Received:**	11-13-23 1433
		Date Reported:	11-14-23
Location:	23 Blossom Dr		
	Minot, 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:
Uranium, Total	**<1.00**	**30**	**µg/L**	**EPA 200.8**	**11-13-23 1435**	**11-14-23 0930**
Hardness by calculation	**32.03**		**mg/L**	**EPA 200.8**	**11-13-23 1435**	**11-14-23 0930**
Calcium, Total	**12.17**		**mg/L**	**EPA 200.8**	**11-13-23 1435**	**11-14-23 0930**
Magnesium, Total	**0.40**		**mg/L**	**EPA 200.8**	**11-13-23 1435**	**11-14-23 0930**

Comments:

Authorized By: Tyler Chandler Review Date: 11/14/2023

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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 https://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 https://www.epa.gov/dwreginfo/drinking-water-regulations 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 https://www.epa.gov/sdwa/secondary-drinking-water-standards-guidance-nuisance-chemicals 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.

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If you have any questions regarding your results please call 207-747-1815

Reporting Limits: Chloride 0.50, Floride 0.20. Nitrite 0.20, Nitrate 0.50, Arsenic 1.00, Lead 1.00, Uranium 1.00, Copper 0.002, Iron 0.005, Manganese 0.01, Sodium 1.00, Calcium 0.50, Magnesium 0.10, PH 2.00

Analytical results and reports are generated by Chanalytics Laboratory Inc. at the request of and for the exclusive use of the person or entity (client) named on this report. Results, reports, or copies of the same will not be released by Chanalytics Laboratory Inc. to any third party without the prior express written consent from the client named in this report. This report applies only to those samples taken at the time, place, and location referenced by the client. This report makes no express or implied warranty or guarantee as to the sampling methodology used by the individual performing the sampling. The client is solely responsible for the use and interpretation of these results, Chanalytics Laboratory Inc. does not make express or implied warranties as to such use or interpretation. Chanalytics Laboratory Inc. is not able to make and does not make a determination as to the environmental soundness, safety or health of a property from only the samples sent to their laboratory for analysis. Unless otherwise specified by the Client, Chanalytics Laboratory Inc. reserves the right to dispose of all samples after the testing of such samples is sufficiently completed or after a thirty-day period, whichever period is greater. Chanalytics Laboratory Inc.'s liability extends only to the cost of the testing.

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

Laboratory Report

Anthony Whalen
23 Blossom Drive
Minot, ME 04258

Date Printed:	**08/30/2023**
Work Order #:	**2308-06035**
Client Job #:	
Date Received:	**08/28/2023**
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

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

Nashoba Analytical:
Identified by MA in the Analyst Column
31A Willow Road, Ayer, MA 01432
www.nashobaanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- DF: "Dilution factor" means the ratio of the volume of the sample to the volume of the final (dilute) solution.
- MDL: "Minimum Detection Limit" means the minimum result which can be reliably discriminated from a blank with a predetermined confidence level.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical. 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: D = Duplicate sample result outside control limits., H = Hold time non-compliant.

SAMPLE STATE SPECIFIC NOTES:

- The thermal preservation requirement of 4ºC for nitrate & nitrite has been waived by the Maine CDC for all samples submitted to the Drinking Water Program.
- The State of Maine requires the reporting of radon test results in accordance with the Act (22 MSRA sec. 771 et seq.). The following for all tests completed by A & L will be reported to the state on a monthly basis: address of the structure tested, radon result, and whether or not there is a mitigation system in place. A + symbol indicates State of Maine Radon Registration.
- The Maximum Exposure Guideline(MEG) for water radon in Maine is 4,000pCi/L

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

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: 08/30/2023
CLIENT NAME: Anthony Whalen

CLIENT ADDRESS: 23 Blossom Drive
Minot, ME 04258

SAMPLE ID #: 2308-06035-001
SAMPLED BY: Anthony

SAMPLE ADDRESS: Whalen
23 Blossom Drive
Minot ME 04258

MORE LOC INFO: Drilled Well Bath Sink

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 08/28/2023 09:15AM
DATE AND TIME RECEIVED: 08/28/2023 09:49AM
ANALYSIS PACKAGE: A & L-IC-Comp+RN-ME
RECEIPT TEMPERATURE: 13° CELSIUS
CLIENT JOB #:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Arsenic*	0.0076	mg/L	✓		0.001	0.010 mg/L	EPA 200.8	DG-NH	08/29/2023 04:56PM
Calcium	67.9	mg/L			0.1	No Limit	EPA 200.8	DG-NH	08/29/2023 04:56PM
Copper*	0.0119	mg/L	✓		0.001	1.3 mg/L	EPA 200.8	DG-NH	08/29/2023 04:56PM
Hardness (calc.)	202	mg CaCO3/L			0.25	No Limit	EPA 200.8	DG-NH	08/29/2023 04:56PM
Iron	0.18	mg/L	✓		0.1	0.3 mg/L	EPA 200.8	DG-NH	08/29/2023 04:56PM
Lead*	<0.001	mg/L	✓		0.001	0.015 mg/L	EPA 200.8	DG-NH	08/29/2023 04:56PM
Magnesium	7.81	mg/L			0.1	No Limit	EPA 200.8	DG-NH	08/29/2023 04:56PM
Manganese*	0.0030	mg/L	✓		0.001	0.05 mg/L	EPA 200.8	DG-NH	08/29/2023 04:56PM
Sodium	14.6	mg/L			0.1	No limit	EPA 200.8	DG-NH	08/29/2023 04:56PM
Uranium*	95.1	ug/L	⊗		1	30 ug/L	EPA 200.8	DG-NH	08/29/2023 04:56PM
Uranium	63.7	pCi/L	⊗		0.67	20 pCi/L	EPA 200.8 Calc.	DG-NH	08/29/2023 04:56PM
Chloride*	117	mg/L	✓		2	250 mg/L	EPA 300.0	JR-ME	08/28/2023 11:26AM
Fluoride*	<0.2	mg/L	✓		0.2	4.0 mg/L	EPA 300.0	JR-ME	08/28/2023 11:26AM
Nitrate as N*	<0.2	mg/L	✓		0.2	10 mg/L	EPA 300.0	JR-ME	08/28/2023 11:26AM
Nitrite as N*	<0.2	mg/L	✓		0.2	1 mg/L	EPA 300.0	JR-ME	08/28/2023 11:26AM
pH*	7.50	SU	✓	H	--	6.5 - 8.5 SU	SM 4500H+B	JR-ME	08/28/2023 11:01AM
Radon+	8,265	pCi/L	✕	D	100	4000 pCi/L	SM 7500-RN B	TT-ME	08/28/2023 08:29PM
Coliform Bacteria*	Absent	P-A/100mL	✓		Absent	No Limit	SM 9223 B	JR-ME	08/29/2023 10:30AM
E. coli Bacteria*	Absent	P-A/100mL	✓		Absent	Absent	SM 9223 B	JR-ME	08/29/2023 10:30AM
Total Coliform / E.coli Bacteria Preparation						(Colilert®-18) 20th ED	SM 9223 B	JR-ME	08/28/2023 02:00PM

Rebecca L. Labranche
Laboratory Director

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

Laboratory Report

A-Z Water Systems & Affordable Water
24 Freedom Dr
Standish, ME 04084

Date Printed:	**09/14/2023**
Work Order #:	**2309-02678**
Client Job #:	**4870818**
Date Received:	**09/13/2023**
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.

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22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

Nashoba Analytical:
Identified by MA in the Analyst Column
31A Willow Road, Ayer, MA 01432
www.nashobaanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- DF: "Dilution factor" means the ratio of the volume of the sample to the volume of the final (dilute) solution.
- MDL: "Minimum Detection Limit" means the minimum result which can be reliably discriminated from a blank with a predetermined confidence level.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical. 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: None

SAMPLE STATE SPECIFIC NOTES:

- The thermal preservation requirement of 4ºC for nitrate & nitrite has been waived by the Maine CDC for all samples submitted to the Drinking Water Program.
- The State of Maine requires the reporting of radon test results in accordance with the Act (22 MSRA sec. 771 et seq.). The following for all tests completed by A & L will be reported to the state on a monthly basis: address of the structure tested, radon result, and whether or not there is a mitigation system in place. A + symbol indicates State of Maine Radon Registration.
- The Maximum Exposure Guideline(MEG) for water radon in Maine is 4,000pCi/L

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.

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Laboratory Director

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Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR RADON IN AIR

DATE PRINTED: 09/14/2023
CLIENT NAME: A-Z Water Systems & Affordable Water
CLIENT ADDRESS: 24 Freedom Dr
Standish, ME 04084

SAMPLE ID #: 2309-02678-001
SAMPLED BY: ROB
SAMPLED ADDRESS: Whalen
23 Blossom Drive
Minot ME 04258
LOCATION: Basement
CLIENT JOB #: 4870818

Legend
Passes ✓
Fails EPA Guideline ✗

DATE AND TIME COLLECTED: 09/10/2023 08:30AM
DATE AND TIME RECEIVED: 09/13/2023 10:55AM
ANALYSIS PACKAGE: A & L Radon Air
EXPOSURE START: 09/06/2023 12:30PM
EXPOSURE END: 09/10/2023 08:30AM
EXPOSURE TIME (hours): 92.0

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Radon Air	3.0	pCi/L	✓		0.4	4.0 pCi/L	Liquid Scintillation	TT-ME	09/14/2023 01:49AM

Rebecca L. Labranche
Laboratory Director