



DEPARTMENT OF HEALTH LABORATORY

359 SOUTH PARK DRIVE
COLCHESTER, VT 05446
(802) 338-4724 or (800) 660-9997 (VT only)
www.healthvermont.gov

Drinking Water Results Report

State Health Dept # 24-IC-02874
Report Status Final
Date Report Released 04/02/2024

Report To Karin Carestia
Address 1574 Weir Rd
Williamstown, VT 05679

Account Name Karin Carestia
Date Received 03/21/2024
Time Received 08:32
Approved Date 04/02/2024

How to read your results

This test report shows the final result, threshold, and interpretation for each analyte.

The Final Result is how much of a contaminant is in your drinking water.
The Threshold is the maximum amount of a contaminant that is accepted for drinking water based on federal or state guidelines.
The Interpretation lets you know if your result is over the threshold. A blank space means your sample was below the threshold.

Some results show less than or greater than symbols.

The < means "less than," <0.10 would be "less than 0.10". If you receive a "less than" result, there is nothing to report for that analyte.
The > means "greater than," >300 would be "greater than 300".

For guidance and information on treatment options:

Specific contaminants: www.HealthVermont.gov/water-a-z
Treatment options: www.HealthVermont.gov/water/treatment
Lead testing requirements for schools and child care facilities: www.HealthVermont.gov/lead-testing
Public/Private water testing: www.HealthVermont.gov/water-what-to-test

Sample Information

Sample Desc. KIT C Sample Type N/A
Collection Date 03/20/2024 Collection Type N/A
Collection Time 06:55 Free Chlorine Residual N/A
Sampled By Karin Carestia Total Chlorine Residual N/A
Sampling Location Kitchen Sink Chlorinated? No
Street Address 1574 Weir Rd Field Temp. N/A
Town Williamstown State VT Field Fluoride N/A
Temp at Receipt 6 C

If you have received this document in error or if you have questions about this report, please call 802-338-4724

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**Drinking Water Results Report**

**State Health Dept #** 24-IC-02874  
**Report Status** Final  
**Date Report Released** 04/02/2024

**Test** *Anions*

**Date/Time of Analysis** 03/21/2024 10:48  
**Test Method** EPA 300.0

Analyte	Final Result	Units	Threshold	Interpretation
Chloride	<5	mg/L	250 SMCL	
Fluoride	<0.10	mg/L	4.0 MCL	
Nitrate as N	<0.50	mg/L	10.0 MCL	
Nitrite as N	<0.10	mg/L	1.0 MCL	

**Test** *Hardness by Calculation*

**Date/Time of Analysis** 03/28/2024 15:27  
**Test Method** SM 2340B

Analyte	Final Result	Units	Threshold	Interpretation
Total Hardness as CaCO <sub>3</sub>	147	mg/L	*	

\* 76 mg/L to 150 mg/L = Moderately Hard Water

**Test** *Metals by ICPMS*

**Date/Time of Analysis** 03/26/2024 12:47  
**Test Method** EPA 200.8

Analyte	Final Result	Units	Threshold	Interpretation
Arsenic	<0.001	mg/L	0.010 MCL	
Copper	<0.02	mg/L	1.3 AL	
Lead	<0.001	mg/L	0.015 AL and 0.001 VHA	
Manganese	<0.005	mg/L	0.05 SMCL and 0.300 VHA	
Uranium	0.002	mg/L	0.020 VMCL	

**Test** *Metals by ICP-OES*

**Date/Time of Analysis** 03/28/2024 15:27  
**Test Method** EPA 200.7

Analyte	Final Result	Units	Threshold	Interpretation
Iron	0.13	mg/L	0.3 SMCL	
Sodium	<5	mg/L	250 SMCL	

**Units of Measurement and Definitions:**

N/A = Not Applicable; mg/L = Milligrams per liter or ppm (parts per million); ug/L = Micrograms per liter or ppb (parts per billion); < = less than; TON = Threshold Odor Number; MCL = Maximum Contaminant Level; SMCL = Secondary Maximum Contaminant Level; MRDL = Maximum Residual Disinfectant Level; VHA = Vermont Health Advisory; VMCL = Vermont Maximum Contaminant Level; NLE = No Limit Established; AL (Action Level) = Level at or above which a water treatment action is determined for public water supplies and should be considered for private supplies. These results are for a grab sample; collected at one location and at one point in time unless otherwise noted.

Unless otherwise noted all analyses performed under NELAP certification have complied with all the requirements for the TNI standard.

Test results relate only to the samples tested and are representative of the samples as they were received at the laboratory.

This is a public record. Information contained in this report may be used for statistical purposes and may be released upon request, pursuant to Vermont Access to Public Documents law (1 V.S.A. 315-320). For guidance and treatment recommendations, please visit [www.healthvermont.gov/water-contaminants](https://www.healthvermont.gov/water-contaminants).

This report shall not be reproduced, except in full, without the written approval of the laboratory.

**Test Report Authorized By:** Jill S. Warrington  
 Laboratory Director

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