

Water Analysis Report

Report To:

Premier, Cromwell 513

Sample Information:

Test ID: A0122240303
 Collected: 1/22/2024 10:00:00 AM
 Sample Location: Kitchen
 Treatment Status: No Treatment
 Collected By: James Enowitch
 Test Reason: Property Sale

Test Address:



Bacteria	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Total coliforms	Absent		Absent P			SM 9223 B	01/22/2024 05:05 PM
E. coli (Fecal)	Absent		Absent P			SM 9223 B	01/22/2024 05:05 PM

Non-Metals	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Total Residual Chlorine	Absent		Absent -			SM 4500-CI G	01/22/2024 05:05 PM
pH at 25°C ± 5	6.55	SU	6.4-10 S	0		SM 4500-H+ B	01/22/2024 09:39 PM
Turbidity	0.250	NTU	5 -	0.1		SM 2130 B	01/22/2024 04:42 PM
Color, Apparent	ND	CU	15 S	5		SM 2120 B	01/22/2024 04:42 PM
Odor at 25°C ± 5	0	TON	2 S	0		SM 2150 B	01/22/2024 04:42 PM
Fluoride	ND	mg/L	4 P	0.3		EPA 300.0	01/22/2024 11:55 PM
Chloride	207	mg/L	250 P	3		EPA 300.0	01/22/2024 11:55 PM
Nitrite as N	ND	mg/L	1 P	0.1		EPA 300.0	01/22/2024 11:55 PM
Sulfate	24.1	mg/L	250 S	2		EPA 300.0	01/22/2024 11:55 PM
Nitrate as N	4.51	mg/L	10 P	0.5		EPA 300.0	01/22/2024 11:55 PM
Hardness	29.4	mg/L	200 S	3.5		SM 2340 B	01/23/2024 04:15 PM

Metals	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Calcium	8.20	mg/L	NA -	0.5		EPA 200.7	01/23/2024
Magnesium	2.18	mg/L	NA -	0.5		EPA 200.7	01/23/2024
* Sodium	133	mg/L	100 S	0.5		EPA 200.7	01/23/2024
Copper	0.130	mg/L	1.3 S	0.04		EPA 200.7	01/23/2024
Iron	0.0407	mg/L	0.3 S	0.04		EPA 200.7	01/23/2024
* Manganese	0.0592	mg/L	0.050 S	0.04		EPA 200.7	01/23/2024

Radon	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Radon-222	2217 ±54	pCi/L	5000 S	51		SM 7500-Rn B	01/22/2024

Conclusion:

This water meets established EPA and/or CT potability standards for the parameters tested and is safe for drinking.

*Indicates result is not within advisory level for this parameter. Corrective measures, followed by re-examination are recommended.

'P' Primary limit, used to judge potability

'S' Secondary limit, recommended but not required

'MRL' Minimum Reportable Level

*** Indicates result exceeds primary limit

** Indicates result exceeds secondary limit

'ND' Less Than MRL

'NA' No Limit Set

'R' Reference Lab Work

CT License #PH-0466, Aquatek Labs

RI License #LAO00332, Aquatek Labs



Austin Xu Ph.D.
Laboratory Director

Rachel Kolva
Laboratory Co-Director