



3 Research Drive, Woodbridge, CT 06525 - (800) 289-1823

Water Analysis Report

Report To:

[Redacted]

Sample Information:

Test ID: D0215240015
Collected: 2/15/2024 10:30:00 AM
Sample Location: Bathroom
Treatment Status: No Treatment
Collected By: Eric Castelot - Aquatek Labs
Test Reason: Other

Test Address:

[Redacted]
Newtown, CT 06470

Bacteria	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Total coliforms	Absent		Absent P			SM 9223 B	02/15/2024 05:39 PM
E. coli (Fecal)	Absent		Absent P			SM 9223 B	02/15/2024 05:39 PM

Non-Metals	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Total Residual Chlorine	Absent		Absent -			SM 4500-CI G	02/15/2024 05:39 PM
pH at 25°C ± 5	8.00	SU	6.4-10 S	0		SM 4500-H+ B	02/15/2024 07:25 PM
Turbidity	0.100	NTU	5 -	0.1		SM 2130 B	02/15/2024 05:16 PM
Color, Apparent	ND	CU	15 S	5		SM 2120 B	02/15/2024 05:16 PM
Odor at 25°C ± 5	0	TON	2 S	0		SM 2150 B	02/15/2024 05:16 PM
Fluoride	ND	mg/L	4 P	0.3		EPA 300.0	02/15/2024 08:28 PM
Chloride	3.45	mg/L	250 P	3		EPA 300.0	02/15/2024 08:28 PM
Nitrite as N	ND	mg/L	1 P	0.1		EPA 300.0	02/15/2024 08:28 PM
Sulfate	17.9	mg/L	250 S	2		EPA 300.0	02/15/2024 08:28 PM
Nitrate as N	ND	mg/L	10 P	0.5		EPA 300.0	02/15/2024 08:28 PM
Hardness	69.9	mg/L	200 S	3.5		SM 2340 B	02/16/2024 03:18 PM

Metals	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Calcium	21.2	mg/L	NA -	0.5		EPA 200.7	02/16/2024
Magnesium	4.13	mg/L	NA -	0.5		EPA 200.7	02/16/2024
Sodium	7.26	mg/L	100 S	0.5		EPA 200.7	02/16/2024
Copper	ND	mg/L	1.3 S	0.04		EPA 200.7	02/16/2024
Iron	ND	mg/L	0.3 S	0.04		EPA 200.7	02/16/2024
Manganese	ND	mg/L	0.05 S	0.04		EPA 200.7	02/16/2024
** Arsenic	15.5	ug/L	10 P	1		EPA 200.8	02/16/2024
Lead	ND	ug/L	15 P	1		EPA 200.8	02/16/2024
** Uranium (mass)	92.7	ug/L	30 P	1		EPA 200.8	02/16/2024

Radon	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
* Radon-222	19503 ±156	pCi/L	5000 S	51		SM 7500-Rn B	02/15/2024

Pesticide	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Alachlor	ND	ug/L	NA -	0.200	R	EPA 505	02/20/2024 12:00 AM
Aldrin	ND	ug/L	NA -	0.0500	R	EPA 505	02/20/2024 12:00 AM
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	ND	ug/L	NA -	0.0200	R	EPA 505	02/20/2024 12:00 AM
Chlordane (NOS)	ND	ug/L	NA -	0.200	R	EPA 505	02/20/2024 12:00 AM
Dieldrin	ND	ug/L	NA -	0.0200	R	EPA 505	02/20/2024 12:00 AM
Endrin	ND	ug/L	NA -	0.0100	R	EPA 505	02/20/2024 12:00 AM
Heptachlor	ND	ug/L	NA -	0.0200	R	EPA 505	02/20/2024 12:00 AM
Heptachlor epoxide	ND	ug/L	NA -	0.0200	R	EPA 505	02/20/2024 12:00 AM
Methoxychlor	ND	ug/L	NA -	0.100	R	EPA 505	02/20/2024 12:00 AM
Toxaphene (Chlorinated Camphene)	ND	ug/L	NA -	1.00	R	EPA 505	02/20/2024 12:00 AM

PCB	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Total PCBs	ND	ug/L	NA -	0.100	R	EPA 505	02/20/2024 12:00 AM

BNA	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Hexachlorocyclopentadiene	ND	ug/L	NA -	0.100	R	EPA 505	02/20/2024 12:00 AM
Hexachlorobenzene	ND	ug/L	NA -	0.0500	R	EPA 505	02/20/2024 12:00 AM

Conclusion:

**This water does not meet established EPA and/or CT potability standards for this parameter and is not safe for drinking.

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

Reference Lab: Microbac Laboratory

'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



3 Research Drive, Woodbridge, CT 06525 - (800) 289-1823

Water Analysis Report

Report To:

[Redacted]

Sample Information:

Test ID: D0328240023
Collected: 3/28/2024 10:10:00 AM
Sample Location: Kitchen
Treatment Status: After Treatment
Collected By: Eric Castelot - Aquatek Labs
Test Reason: Other

Test Address:

[Redacted]
Newtown, CT 06470

Bacteria	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Total coliforms	Absent		Absent P			SM 9223 B	03/28/2024 03:57 PM
E. coli (Fecal)	Absent		Absent P			SM 9223 B	03/28/2024 03:57 PM

Non-Metals	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Total Residual Chlorine	Absent		Absent -			SM 4500-CI G	03/28/2024 03:57 PM
pH at 25°C ± 5	7.39	SU	6.4-10 S	0		SM 4500-H+ B	03/28/2024 06:23 PM
Turbidity	0.500	NTU	5 -	0.1		SM 2130 B	03/28/2024 03:56 PM
Color, Apparent	10	CU	15 S	5		SM 2120 B	03/28/2024 03:56 PM
Odor at 25°C ± 5	0	TON	2 S	0		SM 2150 B	03/28/2024 03:56 PM
Fluoride	ND	mg/L	4 P	0.3		EPA 300.0	03/28/2024 07:05 PM
Chloride	72.3	mg/L	250 P	3		EPA 300.0	03/28/2024 07:05 PM
Nitrite as N	ND	mg/L	1 P	0.1		EPA 300.0	03/28/2024 07:05 PM
Sulfate	ND	mg/L	250 S	2		EPA 300.0	03/28/2024 07:05 PM
Nitrate as N	ND	mg/L	10 P	0.5		EPA 300.0	03/28/2024 07:05 PM
Hardness	55.3	mg/L	200 S	3.5		SM 2340 B	03/29/2024 01:08 PM

Metals	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Calcium	11.0	mg/L	NA -	0.5		EPA 200.7	03/29/2024
Magnesium	6.80	mg/L	NA -	0.5		EPA 200.7	03/29/2024
Sodium	9.51	mg/L	100 S	0.5		EPA 200.7	03/29/2024
Copper	0.188	mg/L	1.3 S	0.04		EPA 200.7	03/29/2024
Iron	0.0440	mg/L	0.3 S	0.04		EPA 200.7	03/29/2024
* Manganese	0.0518	mg/L	0.05 S	0.04		EPA 200.7	03/29/2024
Arsenic	1.72	ug/L	10 P	1		EPA 200.8	03/29/2024
Lead	ND	ug/L	15 P	1		EPA 200.8	03/29/2024
Uranium (mass)	3.45	ug/L	30 P	1		EPA 200.8	03/29/2024

Radon	Result	Unit	Limits	MRL	Ref	Method	Analysis Date/Time
Radon-222	ND	pCi/L	5000 S	51		SM 7500-Rn B	03/28/2024

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

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