

simplelab

HS8JGY

CLIENT INFORMATION

Client: Tony Novak
Requested On: Jul 26, 2021
Email: tony@tonynovak.com

ETR Labs Leominster - Elm Hill
60 Elm Hill Avenue, Leominster, MA 01453
DO NOT CALL FACILITY DIRECTLY
For lab questions contact hello@gosimplelab.com

TESTING PERFORMED

Testing Requested: Essential Well Water Test
Matrix: Water
Testing / Report ID: HS8JGY

SAMPLE INFORMATION

Collection Date: Jul 29, 2021
Collected By: Tony Novak
Received Date: Aug 2, 2021
Reported On: Aug 6, 2021
Sample Location: kitchen sink
Sample Address: 183 Bayview Rd, PO Box 333, Newport, NJ 08345, United States

TESTING NOTES

There were no problems with analytical events associated with this report unless noted. Quality control data is within laboratory defined or method specified acceptance limits except where noted. If you have any questions regarding these test results, please contact hello@gosimplelab.com

SUMMARY ANALYSIS

ANALYTE	UNIT	RESULT	METHOD	EVALUATION
pH	pH	7.94	EPA 150.1	OK
Total Dissolved Solids	PPM	450.9	SM 2540 C	
Turbidity	NTU	0.1	SM 2130 B	
Conductivity	umhos/cm	751.5	SM 2510B	
Hardness (Ca,Mg)	PPM	64.8	2340 B	
Hardness (Total)	PPM	65.09	2340 C	
Grains per gallon	Grains	3.82	Conversion	
Alkalinity (as CaCO3)	PPM	245	SM 2320 B	
Langelier Saturation Index		0.13		NORMAL
Sodium Adsorption Ratio		42.05	Equation	

TEST RESULTS

ANALYTE	UNIT	RESULT	MDL	METHOD	EVALUATION
Aluminum	PPM	NOT DETECTED	0.0005	EPA 200.8	
Antimony	PPM	NOT DETECTED	0.0005	EPA 200.8	
Arsenic	PPM	NOT DETECTED	0.0005	EPA 200.8	

Barium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Beryllium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Boron	PPM	0.68	0.001	EPA 200.7	> SLR(0.5)**
Cadmium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Calcium	PPM	16.04	0.001	EPA 200.7	
Chloride	PPM	66.25	0.01	EPA 300.0	
Chromium (Total)	PPM	NOT DETECTED	0.0005	EPA 200.8	
Cobalt	PPM	NOT DETECTED	0.001	EPA 200.7	
Copper	PPM	NOT DETECTED	0.0005	EPA 200.8	
E. coli	P/A	NOT DETECTED		SM 9223B	
Fluoride	PPM	1.12	0.01	EPA 300.0	> SLR(0.8)**
Iron	PPM	0.04	0.0005	EPA 200.8	< SLR*
Lead	PPM	NOT DETECTED	0.0005	EPA 200.8	
Lithium	PPM	0.02	0.001	EPA 200.7	> SLR(0.01)**
Magnesium	PPM	6.02	0.001	EPA 200.7	
Manganese	PPM	NOT DETECTED	0.0005	EPA 200.8	
Mercury	PPM	NOT DETECTED	0.0005	EPA 200.8	
Molybdenum	PPM	NOT DETECTED	0.001	EPA 200.7	
Nickel	PPM	NOT DETECTED	0.0005	EPA 200.8	
Nitrate (as N)	PPM	NOT DETECTED	0.001	EPA 300.0	
Nitrite (as N)	PPM	NOT DETECTED	0.001	EPA 300.0	
Phosphorous	PPM	NOT DETECTED	0.001	EPA 200.7	
Potassium	PPM	7.56	0.001	EPA 200.7	
Selenium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Silica	PPM	13.35	0.001	EPA 200.7	
Silver	PPM	NOT DETECTED	0.0005	EPA 200.8	
Sodium	PPM	139.67	0.001	EPA 200.7	
Strontium	PPM	0.14	0.001	EPA 200.7	< SLR*
Sulfate	PPM	12.05	0.01	EPA 300.0	< SLR*
Thallium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Tin	PPM	NOT DETECTED	0.007	EPA 200.7	
Titanium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Total Coliform	P/A	NOT DETECTED		SM 9223B	
Uranium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Vanadium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Zinc	PPM	0.01	0.0005	EPA 200.8	< SLR*

How To Read Your SimpleLab PDF Report

MDL: Method Detection Limit. MDL is the lowest concentration of an analyte which testing instrumentation and the analysis team is configured to measure.

* Good news. Your result is below the EPA Maximum Contaminant Level Goal. If no MCL-G is available, then this means your result is below

the SLR for this parameter.

****** *Your result is within EPA limits for public water systems (lower than MCL). However, there is room for improvement. Your result exceeds the MCL-G or SLR (as indicated).*

******* *Your result is above the MCL. You should consider remediation to reduce this concentration or find another source of drinking water.*

Key Terms

EPA - USA Environmental Protection Agency. Sets health safety levels for public drinking water.

MCL - Maximum Contaminant Level. EPA requires public water systems to keep contaminant levels below this concentration.

MCLG - Maximum Contaminant Level Goal. EPA water health research suggests that ideally, the contaminant's concentration should remain below this level to prevent ill health effects.

SLR - SimpleLab Recommendation. SimpleLab, Inc. regularly reviews toxicology and public health research to determine its own recommendations, especially when MCLGs are not available.