

# simplelab

IOUWBR

## CLIENT INFORMATION

Client: \*\*\*\*\*

Requested On: Dec 7, 2021

Phone: \*\*\*\*\*

Email: \*\*\*\*\*

ETR Labs Leominster - Elm Hill

60 Elm Hill Avenue, Leominster, MA 01453

DO NOT CALL FACILITY DIRECTLY

For lab questions contact [hello@gosimplelab.com](mailto:hello@gosimplelab.com)

## TESTING PERFORMED

Testing Requested: Advanced City Water Test

Matrix: Drinking Water

Testing / Report ID: IOUWBR

## SAMPLE INFORMATION

Collection Date: Jun 30, 2022

Collected By: \*\*\*\*\*

Received Date: Jul 1, 2022

Reported On: Jul 11, 2022

Sample Location: Kitchen Sink

Sample Address: \*\*\*\*\*

## 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](mailto:hello@gosimplelab.com)

## SUMMARY ANALYSIS

ANALYTE	UNIT	RESULT	METHOD	EVALUATION
pH	pH	7.44	SM 4500-H+B	OK
Total Dissolved Solids	mg/L	187.2	SM 2540 C	
Conductivity	umhos/cm	312	SM 2510B	
Hardness (Ca,Mg)	mg/L	18.4	2340 B	
Hardness (Total)	mg/L	18.76	2340 C	
Grains per gallon	Grains	1.1	Conversion	
Alkalinity (as CaCO3)	mg/L	50	SM 2320 B	
Langelier Saturation Index		-1.55		MILD CORROSION
Sodium Adsorption Ratio		25.51	Equation	

## TEST RESULTS

ANALYTE	UNIT	RESULT	MDL	METHOD	EVALUATION
1,1,1,2 Tetrachloroethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,1,1 Trichloroethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,1,2,2 Tetrachloroethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,1,2 Trichloroethane	µg/L	NOT DETECTED	0.5	EPA 524.2	

1,1 Dichloroethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,1 Dichloroethylene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,1 Dichloropropene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,2,3 Trichlorobenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,2,3 Trichloropropane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,2,4 Trichlorobenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,2,4 Trimethylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,2 Dichlorobenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,2 Dichloroethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,2 Dichloropropane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,3,5 Trimethylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,3 Dichlorobenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,3 Dichloropropane	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,3 Dichloropropene	µg/L	NOT DETECTED	0.5	EPA 524.2	
1,4 Dichlorobenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
2,2 Dichloropropane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Aluminum	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Antimony	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Arsenic	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Barium	mg/L	<b>0.01</b>	0.0005	EPA 200.8	< SLR
Benzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Beryllium	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Boron	mg/L	<b>0.01</b>	0.001	EPA 200.7	< SLR
Bromobenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Bromochloromethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Bromodichloromethane	µg/L	<b>7.93</b>	0.5	EPA 524.2	> SLR (0)
Bromoform	µg/L	NOT DETECTED	0.5	EPA 524.2	
Bromomethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Cadmium	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Calcium	mg/L	<b>5.39</b>	0.001	EPA 200.7	
Carbon Tetrachloride	µg/L	NOT DETECTED	0.5	EPA 524.2	
Chloride	mg/L	<b>67.26</b>	0.165	EPA 300.0	
Chlorobenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Chloroethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Chloroform	µg/L	<b>21.57</b>	0.5	EPA 524.2	> SLR (0.22)
Chloromethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Chlorotoluene 2	µg/L	NOT DETECTED	0.5	EPA 524.2	
Chlorotoluene 4	µg/L	NOT DETECTED	0.5	EPA 524.2	
Chromium (Total)	mg/L	NOT DETECTED	0.0005	EPA 200.8	
cis 1,2 Dichloroethylene	µg/L	NOT DETECTED	0.5	EPA 524.2	

Cobalt	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Copper	mg/L	<b>0.02</b>	0.0005	EPA 200.8	< SLR
Dibromochloromethane	µg/L	<b>2.33</b>	0.5	EPA 524.2	> SLR (0.1)
Dibromochloropropane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Dibromomethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Dichlorodifluoromethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Dichloromethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Ethylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Ethylene dibromide	µg/L	NOT DETECTED	0.5	EPA 524.2	
Fluoride	mg/L	NOT DETECTED	0.01	EPA 300.0	
Hexachlorobutadiene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Iron	mg/L	<b>0.01</b>	0.0005	EPA 200.8	< SLR
Isopropylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Lead	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Lithium	mg/L	NOT DETECTED	0.001	EPA 200.7	
Magnesium	mg/L	<b>1.2</b>	0.001	EPA 200.7	
Manganese	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Mercury	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Methyl Tertiary Butyl Ether	µg/L	NOT DETECTED	0.5	EPA 524.2	
Molybdenum	mg/L	NOT DETECTED	0.0005	EPA 200.8	
m,p Xylene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Naphthalene	µg/L	NOT DETECTED	0.5	EPA 524.2	
n Butylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Nickel	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Nitrate (as N)	mg/L	<b>0.47</b>	0.001	EPA 300.0	< SLR
Nitrite (as N)	mg/L	NOT DETECTED	0.01	EPA 300.0	
n Propylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
o Xylene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Phosphorus	mg/L	<b>0.36</b>	0.001	EPA 200.7	
p Isopropyltoluene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Potassium	mg/L	<b>1.54</b>	0.001	EPA 200.7	
sec Butylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Selenium	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Silver	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Sodium	mg/L	<b>46.3</b>	0.001	EPA 200.7	
Strontium	mg/L	<b>0.05</b>	0.001	EPA 200.7	< SLR
Styrene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Sulfate	mg/L	<b>15.8</b>	0.01	EPA 300.0	< SLR
tert Butylbenzene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Tetrachloroethylene	µg/L	NOT DETECTED	0.5	EPA 524.2	

Thallium	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Tin	mg/L	NOT DETECTED	0.005	EPA 200.8	
Titanium	mg/L	NOT DETECTED	0.005	EPA 200.8	
Toluene	µg/L	NOT DETECTED	0.5	EPA 524.2	
trans 1,3 Dichloropropene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Trichloroethylene	µg/L	NOT DETECTED	0.5	EPA 524.2	
Trichlorofluoromethane	µg/L	NOT DETECTED	0.5	EPA 524.2	
Uranium	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Vanadium	mg/L	NOT DETECTED	0.0005	EPA 200.8	
Vinyl Chloride	µg/L	NOT DETECTED	0.5	EPA 524.2	
Zinc	mg/L	<b>0.16</b>	0.0005	EPA 200.8	< SLR

**How To Read Your SimpleLab PDF Report**

Your results are being evaluated with the SimpleLab Recommendation.

This is a health protective, non-enforceable drinking water benchmark. SLR is based on the most protective human health benchmark used among public health agencies for a contaminant. Drinking water at or near the SLR over the course of your lifetime is thought to be safe.

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