

CLIENT INFORMATION

Client: *****
Requested On: May 31, 2023
Phone: *****
Email: *****

hello@gosimplelab.com

EPA LAB ID: PA01700
Route 315
Pittston, Pennsylvania

TESTING PERFORMED

Testing Requested: Essential Well Water Test
Matrix: Drinking Water
Testing / Report ID: GVDZCM

SAMPLE INFORMATION

Collection Date: Jun 8, 2023
Collected By: *****
Received Date: Jun 12, 2023
Reported On: Jun 19, 2023
Sample Location: Basement (Pre Filter)
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

SUMMARY ANALYSIS

ANALYTE	UNIT	RESULT	METHOD	EPA REG
pH	pH	7.6	SM 4500-H+B	OK
Total Dissolved Solids	mg/L	717	SM 2510B	
Turbidity	NTU	70	EPA 180.1	
Conductivity	umhos/cm	1230	SM 2510B	
Hardness (Ca,Mg)	mg/L	571.28		
Hardness (Total)	mg/L	592.86		
Grains per gallon	Grains	35.65		
Alkalinity (as CaCO3)	mg/L	345	SM 2320 B	
Langelier Saturation Index		0.79		
Sodium Adsorption Ratio		0.62		

TEST RESULTS

ANALYTE	UNIT	RESULT	MDL	METHOD	EPA REG
Aluminum	mg/L	NOT DETECTED	0.0689	EPA 200.7	
Antimony	mg/L	NOT DETECTED	0.00014	EPA 200.8	
Arsenic	mg/L	0.00383	0.00028	EPA 200.8	< MCL (0.01)
Barium	mg/L	0.0341	0.00037	EPA 200.8	< MCL (2)

Beryllium	mg/L	NOT DETECTED	5.0E-5	EPA 200.8	
Boron	mg/L	0.13	0.0091	EPA 200.7	
Cadmium	mg/L	NOT DETECTED	5.0E-5	EPA 200.8	
Calcium	mg/L	130	0.0446	EPA 200.7	
Chloride	mg/L	41.2	0.05	EPA 300.0	
Chromium (Total)	mg/L	NOT DETECTED	0.00054	EPA 200.8	
Cobalt	mg/L	NOT DETECTED	7.0E-5	EPA 200.8	
Copper	mg/L	0.00734	0.00225	EPA 200.8	< MCL (1.3)
E. coli	P/A	NOT DETECTED		SM 9223B	
Fluoride	mg/L	1.2	0.021	EPA 300.0	< MCL (4)
Iron	mg/L	2.91	0.0242	EPA 200.7	
Lead	mg/L	0.000511	6.0E-5	EPA 200.8	< MCL (0.015)
Lithium	mg/L	0.0488	0.0001	EPA 200.7	
Magnesium	mg/L	59.9	0.0123	EPA 200.7	
Manganese	mg/L	0.0441	0.0002	EPA 200.8	
Mercury	mg/L	NOT DETECTED	4.0E-5	EPA 200.8	
Molybdenum	mg/L	0.032	6.0E-5	EPA 200.8	
Nickel	mg/L	NOT DETECTED	0.00206	EPA 200.8	
Nitrate (as N)	mg/L	NOT DETECTED	0.008	EPA 300.0	
Nitrite (as N)	mg/L	NOT DETECTED	0.025	EPA 300.0	
Phosphorus	mg/L	NOT DETECTED	0.0294	EPA 200.7	
Potassium	mg/L	3.6	0.0702	EPA 200.7	
Selenium	mg/L	NOT DETECTED	0.0002	EPA 200.8	
Silica	mg/L	19.6	0.0667	EPA 200.7	
Silver	mg/L	NOT DETECTED	6.0E-5	EPA 200.8	
Sodium	mg/L	34.3	0.134	EPA 200.7	
Strontium	mg/L	14.2	0.00184	EPA 200.7	
Sulfate	mg/L	258	3.23	EPA 300.0	
Thallium	mg/L	NOT DETECTED	6.0E-5	EPA 200.8	
Tin	mg/L	NOT DETECTED	0.0002	EPA 200.8	
Titanium	mg/L	0.00406	0.00039	EPA 200.7	
Total Coliform	P/A	NOT DETECTED		SM 9223B	
Uranium	mg/L	0.0016	5.0E-5	EPA 200.8	< MCL (0.03)
Vanadium	mg/L	NOT DETECTED	0.0009	EPA 200.8	
Zinc	mg/L	0.0226	0.00228	EPA 200.7	

How To Read Your SimpleLab PDF Report

Your results are being evaluated with the Federal Maximum Contaminant Level (MCL).

This is an enforceable primary drinking water standard set by the U.S. EPA. MCLs are the highest concentration of a contaminant permitted in drinking water from public water systems. MCLs are set as close as possible to health protective levels, while also taking into account the cost and availability of treatment technologies.

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

How To Read Your SimpleLab PDF Report

Your results are being evaluated with the Simple Lab 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.

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



Did you know?

This Tap Score report is easier to understand when viewed online. Access in-depth information about every detection, including health risks and treatment solutions.

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