



TEST RESULTS

REPORTED TO PROJECT Genelle Improvement District
General Potability

WORK ORDER REPORTED 23A0976
2023-01-18 10:32

Analyte	Result	Guideline	RL Units	Analyzed	Qualifier
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Well 1 (23A0976-01) | Matrix: Water | Sampled: 2023-01-10 11:00

Anions

Chloride	10.4	AO ≤ 250	0.10 mg/L	2023-01-13	
Fluoride	< 0.10	MAC = 1.5	0.10 mg/L	2023-01-13	
Nitrate (as N)	1.33	MAC = 10	0.010 mg/L	2023-01-13	
Nitrite (as N)	< 0.010	MAC = 1	0.010 mg/L	2023-01-13	
Sulfate	18.9	AO ≤ 500	1.0 mg/L	2023-01-13	

BCMOE Aggregate Hydrocarbons

VHw (6-10)	< 114	N/A	100 µg/L	2023-01-16	RA3
VPHw	< 114	N/A	114 µg/L	N/A	

Calculated Parameters

Hardness, Total (as CaCO3)	113	None Required	0.500 mg/L	N/A	
Solids, Total Dissolved	139	AO ≤ 500	1.00 mg/L	N/A	

General Parameters

Alkalinity, Total (as CaCO3)	93.7	N/A	1.0 mg/L	2023-01-12	
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	N/A	1.0 mg/L	2023-01-12	
Alkalinity, Bicarbonate (as CaCO3)	93.7	N/A	1.0 mg/L	2023-01-12	
Alkalinity, Carbonate (as CaCO3)	< 1.0	N/A	1.0 mg/L	2023-01-12	
Alkalinity, Hydroxide (as CaCO3)	< 1.0	N/A	1.0 mg/L	2023-01-12	
Conductivity (EC)	236	N/A	2.0 µS/cm	2023-01-12	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020 mg/L	2023-01-13	
pH	7.56	7.0-10.5	0.10 pH units	2023-01-12	HT2
Turbidity	< 0.10	OG < 1	0.10 NTU	2023-01-13	

Total Metals

Aluminum, total	< 0.0050	OG < 0.1	0.0050 mg/L	2023-01-16	
Antimony, total	< 0.00020	MAC = 0.006	0.00020 mg/L	2023-01-16	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050 mg/L	2023-01-16	
Barium, total	0.0170	MAC = 2	0.0050 mg/L	2023-01-16	
Boron, total	< 0.0500	MAC = 5	0.0500 mg/L	2023-01-16	
Cadmium, total	< 0.000010	MAC = 0.005	0.000010 mg/L	2023-01-16	
Calcium, total	33.3	None Required	0.20 mg/L	2023-01-16	
Chromium, total	< 0.00200	MAC = 0.05	0.00050 mg/L	2023-01-16	RA3
Copper, total	< 0.00040	MAC = 2	0.00040 mg/L	2023-01-16	
Iron, total	0.014	AO ≤ 0.3	0.010 mg/L	2023-01-16	
Lead, total	< 0.00020	MAC = 0.005	0.00020 mg/L	2023-01-16	
Magnesium, total	7.14	None Required	0.010 mg/L	2023-01-16	
Manganese, total	< 0.00020	MAC = 0.12	0.00020 mg/L	2023-01-16	
Potassium, total	1.68	N/A	0.10 mg/L	2023-01-16	
Selenium, total	< 0.00050	MAC = 0.05	0.00050 mg/L	2023-01-16	
Sodium, total	4.54	AO ≤ 200	0.10 mg/L	2023-01-16	
Strontium, total	0.199	MAC = 7	0.0010 mg/L	2023-01-16	
Uranium, total	0.00138	MAC = 0.02	0.000020 mg/L	2023-01-16	



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Well 1 (23A0976-01) Matrix: Water Sampled: 2023-01-10 11:00, Continued						
<i>Total Metals, Continued</i>						
Zinc, total	< 0.0040	AO ≤ 5	0.0040	mg/L	2023-01-16	
<i>Volatile Organic Compounds (VOC)</i>						
Benzene	< 0.5	MAC = 5	0.5	µg/L	2023-01-16	
Ethylbenzene	< 1.0	AO ≤ 1.6	1.0	µg/L	2023-01-16	
Methyl tert-butyl ether	< 1.0	AO ≤ 15	1.0	µg/L	2023-01-16	
Styrene	< 1.0	N/A	1.0	µg/L	2023-01-16	
Toluene	< 1.0	MAC = 60	1.0	µg/L	2023-01-16	
Xylenes (total)	< 2.0	AO ≤ 20	2.0	µg/L	2023-01-16	
Surrogate: Toluene-d8	126		70-130	%	2023-01-16	
Surrogate: 4-Bromofluorobenzene	112		70-130	%	2023-01-16	

Sample Qualifiers:

HT2 The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.

RA3 The Reporting Limit has been raised due to comparable level detected in the blank(s).