INORGANIC CHEMICALS ANALYSIS

Date of Report : February 18, 2026
Sample ID : CH 2670729-001

Laboratory Name : **FGL Environmental**
Sampled On : 01/27/2026-11:12
Received On : 01/27/2026-15:37
Completed On : 02/11/2026-14:54

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2026-02-18

Sampled By : Madalyn Nielsen
Employed By : FGL Environmental

Sample Point Information **EDT**

PS Code : CA3205003_008_008
Sample Point Name : WELL 37 (INSTALLED 2019)
Water System Name : GOLD MOUNTAIN CSD

GENERAL MINERAL & PHYSICAL

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 200.7	Total Hardness (as CaCO3)	1915	15.0	mg/L		1	1573
EPA 200.7	Calcium (Ca)	1919	6	mg/L		1	1573
EPA 200.7	Magnesium (Mg)	1031	ND	mg/L		1	1573
EPA 200.7	Sodium (Na)	1052	24	mg/L		1	1573
EPA 200.7	Potassium (K)	1042	3	mg/L		1	1573
	Total Cations		1.4	meq/L			1573
SM 2320 B	Total Alkalinity (as CaCO3)	1927	60	mg/L		10	1573
SM 2320 B	Hydroxide (OH)	1021	ND	mg/L		10	1573
SM 2320 B	Carbonate (CO3)	1929	ND	mg/L		10	1573
SM 2320 B	Bicarbonate (HCO3)	1928	70	mg/L		10	1573
EPA 300.0	Sulfate (SO4)	1055	5.4	mg/L	500* [2]		1573
EPA 300.0	Chloride (Cl)	1017	ND	mg/L	500* [2]		1573
	Nitrate (NO3)		ND	mg/L	45	2	1573
EPA 300.0	Fluoride (F)	1025	ND	mg/L	2	0.1	1573
	Total Anions		1.3	meq/L			1573
SM 4500-H+B	pH	C253	7.9	Std Units			1573
SM 2510 B	Specific Conductance (E.C.)	1064	135	umhos/cm2	1600** [2]		1573
SM 2540 C	Total Filterable Residue	1930	ND	mg/L	1000*** [2]		1573
SM 2120 B	Apparent Color (Unfiltered)	1905	14	Units	15 [2]		2670
SM 2150 B	Odor Threshold at 60 C	1920	ND	TON	3 [2]		2670
SM 2130 B-01	Lab Turbidity	0100	12	NTU	5 [2]		2670
SM 5540 C-00	MBAS	2905	ND	mg/L	0.5 [2]	0.05	1573
SM 4500-H+B	pH, Field	C253	7.94	Std Units			2670

MCL - Maximum Contaminant Level, DLR - Detection Limit for Reporting Purpose, ND - Not Detected at or above DLR
[2]Indicates Secondary Drinking Water Standards (Recommended-Upper-Short-Term)

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REGULATED INORGANIC

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 200.8	Aluminum	1002	ND	ug/L	200/1000 [2]	50	1573
EPA 200.8	Antimony	1074	ND	ug/L	6	6	1573
EPA 200.8	Arsenic	1005	2	ug/L	10	2	1573
EPA 200.8	Barium	1010	ND	ug/L	1000	100	1573
EPA 200.8	Beryllium	1075	ND	ug/L	4	1	1573
EPA 200.8	Cadmium	1015	ND	ug/L	5	1	1573
EPA 200.8	Chromium (Total Cr)	1020	ND	ug/L	50	10	1573
EPA 200.8	Copper	1022	ND	ug/L	1000 [2]	50	1573
EPA 200.7	Iron	1028	2460	ug/L	300 [2]		1573
EPA 200.8	Lead	1030	ND	ug/L	15	5	1573
EPA 200.8	Manganese	1032	17.9	ug/L	50 [2]		1573
EPA 245.1	Mercury	1035	ND	ug/L	2	1	1573
EPA 200.8	Nickel	1036	ND	ug/L	100	10	1573
EPA 200.8	Selenium	1045	ND	ug/L	50	5	1573
EPA 200.8	Silver	1050	ND	ug/L	100 [2]		1573
EPA 200.8	Thallium	1085	ND	ug/L	2	1	1573
EPA 200.7	Zinc	1095	690	ug/L	5000		1573

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ADDITIONAL INORGANIC

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 200.8	Boron	1079	ND	ug/L	---	100	1573
SM 2330 B	Langelier Index at 20 DegreeC	1997	8.9				1573
SM 4500-NO3-F-00	Nitrate as N (Nitrogen)	1040	ND	mg/L	10	0.4	1573
SM 4500-NO3-F-00	Nitrate as N (Nitrogen)	1040	ND	mg/L	10	0.4	1573
SM 4500-NO3-F-00	Nitrate + Nitrite as N	1038	ND	mg/L	10	0.4	1573
SM 4500-NO3-F-00	Nitrite as N (Nitrogen)	1041	ND	mg/L	1	0.4	1573
	Sodium Adsorption Ratio (SAR)		2.4	mg/L		1	1573
CALC	Aggressiveness Index	1994	10.9				1573

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Sample Point Name : WELL 37 (INSTALLED 2019)
Water System Name : GOLD MOUNTAIN CSD

REGULATED ORGANICS

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 524.2	Bromodichloromethane	2943	ND	ug/L	---	1	1573
EPA 524.2	Bromoform	2942	ND	ug/L	---	1	1573
EPA 524.2	Chloroform (Trichloromethane)	2941	ND	ug/L	---	1	1573
EPA 524.2	Dibromochloromethane	2944	ND	ug/L	---	1	1573
EPA 524.2	Total Trihalomethanes (THM'S/TTHM)	2950	ND	ug/L	80	4	1573
EPA 524.2	Benzene	2990	ND	ug/L	1	0.5	1573
EPA 524.2	Carbon Tetrachloride	2982	ND	ug/L	0.5	0.5	1573
EPA 524.2	1,2-Dichlorobenzene (o-DCB)	2968	ND	ug/L	600	0.5	1573
EPA 524.2	1,4-Dichlorobenzene (p-DCB)	2969	ND	ug/L	5	0.5	1573
EPA 524.2	1,1-Dichloroethane (1,1-DCA)	2978	ND	ug/L	5	0.5	1573
EPA 524.2	1,2-Dichloroethane (1,2-DCA)	2980	ND	ug/L	0.5	0.5	1573
EPA 524.2	1,1-Dichloroethylene (1,1-DCE)	2977	ND	ug/L	6	0.5	1573
EPA 524.2	cis-1,2-Dichloroethylene	2380	ND	ug/L	6	0.5	1573
EPA 524.2	trans-1,2-Dichloroethylene	2979	ND	ug/L	10	0.5	1573
EPA 524.2	Dichloromethane (Methylene Chloride)	2964	ND	ug/L	5	0.5	1573
EPA 524.2	1,2-Dichloropropane	2983	ND	ug/L	5	0.5	1573
EPA 524.2	Total 1,3-Dichloropropene	2413	ND	ug/L	0.5	0.5	1573
EPA 524.2	Ethyl Benzene	2992	ND	ug/L	300	0.5	1573
EPA 524.2	Monochlorobenzene (Chlorobenzene)	2989	ND	ug/L	70	0.5	1573
EPA 524.2	Styrene	2996	ND	ug/L	100	0.5	1573
EPA 524.2	1,1,2,2-Tetrachloroethane	2988	ND	ug/L	1	0.5	1573
EPA 524.2	Tetrachloroethylene (PCE)	2987	ND	ug/L	5	0.5	1573
EPA 524.2	Toluene	2991	ND	ug/L	150	0.5	1573

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REGULATED ORGANICS

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 524.2	1,2,4-Trichlorobenzene	2378	ND	ug/L	5	0.5	1573
EPA 524.2	1,1,1-Trichloroethane (1,1,1-TCA)	2981	ND	ug/L	200	0.5	1573
EPA 524.2	1,1,2-Trichloroethane (1,1,2-TCA)	2985	ND	ug/L	5	0.5	1573
EPA 524.2	Trichloroethylene (TCE)	2984	ND	ug/L	5	0.5	1573
EPA 524.2	Trichlorofluoromethane (Freon 11)	2218	ND	ug/L	150	5	1573
EPA 524.2	Trichlorotrifluoroethane (Freon 113)	2904	ND	ug/L	1200	10	1573
EPA 524.2	Vinyl Chloride (VC)	2976	ND	ug/L	0.5	0.5	1573
EPA 524.2	m,p-Xylenes	2963	ND	ug/L	---		1573
EPA 524.2	o-Xylene	2997	ND	ug/L	---		1573
EPA 524.2	Total Xylenes (m,p & o)	2955	ND	ug/L	1750	0.5	1573
EPA 524.2	Methyl tert-Butyl Ether (MTBE)	2251	ND	ug/L	13	3.0	1573
EPA 524.2	cis-1,3-Dichloropropene	2228	ND	ug/L	0.5	0.5	1573
EPA 524.2	trans-1,3-Dichloropropene	2224	ND	ug/L	0.5	0.5	1573

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UNREGULATED ORGANICS

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 524.2	Bromobenzene	2993	ND	ug/L	---	0.5	1573
EPA 524.2	Bromochloromethane	2430	ND	ug/L	---	0.5	1573
EPA 524.2	Bromomethane (Methyl Bromide)	2214	ND	ug/L	---	0.5	1573
EPA 524.2	n-Butylbenzene	2422	ND	ug/L	---		1573
EPA 524.2	sec-Butylbenzene	2428	ND	ug/L	---		1573
EPA 524.2	tert-Butylbenzene	2426	ND	ug/L	---		1573
EPA 524.2	Chloroethane	2216	ND	ug/L	---	0.5	1573
EPA 524.2	Chloromethane (Methyl Chloride)	2210	ND	ug/L	---	0.5	1573
EPA 524.2	2-Chlorotoluene	2965	ND	ug/L	---		1573
EPA 524.2	4-Chlorotoluene	2966	ND	ug/L	---		1573
EPA 524.2	Dibromomethane	2408	ND	ug/L	---	0.5	1573
EPA 524.2	1,3-Dichlorobenzene (m-DCB)	2967	ND	ug/L	---	0.5	1573
EPA 524.2	Dichlorodifluoromethane	2212	ND	ug/L	---		1573
EPA 524.2	1,3-Dichloropropane	2412	ND	ug/L	---	0.5	1573
EPA 524.2	2,2-Dichloropropane	2416	ND	ug/L	---	0.5	1573
EPA 524.2	1,1-Dichloropropene	2410	ND	ug/L	---	0.5	1573
EPA 524.2	Hexachlorobutadiene	2246	ND	ug/L	---	0.5	1573
EPA 524.2	Isopropylbenzene (Cumene)	2994	ND	ug/L	---		1573
EPA 524.2	p-Isopropyltoluene	2030	ND	ug/L	---	0.5	1573
EPA 524.2	Naphthalene	2248	ND	ug/L	---		1573
EPA 524.2	n-Propylbenzene	2998	ND	ug/L	---		1573
EPA 524.2	1,1,1,2-Tetrachloroethane	2986	ND	ug/L	---	0.5	1573