

Client Sample Results

Job ID: 380-142553-1
SDG: Rock Springs 1 [CC + Add'l]

Client Sample ID: Rock Springs 1

Date Collected: 03/26/25 11:00

Date Received: 03/27/25 10:23

Lab Sample ID: 380-142649-1

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result
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p-Isopropyltoluene	ND
o-Dichlorobenzene (1,2-DCB)	ND
n-Butylbenzene	ND
1,2,4-Trichlorobenzene	ND
Naphthalene	ND
Hexachlorobutadiene	ND
1,2,3-Trichlorobenzene	ND

Surrogate	%Recovery
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1,2-Dichloroethane-d4 (Surr)	100
4-Bromofluorobenzene (Surr)	103
Toluene-d8 (Surr)	101

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Analyte	Result
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Chlordane	ND
Toxaphene	ND
PCB-1016	ND
PCB-1221	ND
PCB-1232	ND
PCB-1242	ND
PCB-1248	ND
PCB-1254	ND
PCB-1260	ND
Polychlorinated biphenyls, Total	ND

Surrogate	%Recovery
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Tetrachloro-m-xylene	106
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Method: 317 - Bromate, Ion Chromatography

Analyte	Result
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Bromate	ND
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Method: 200.7 - Metals (ICP)

Analyte	Result
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Calcium	28
Iron	ND
Magnesium	13
Potassium	0.72
Sodium	5.0

Method: 200.8 - Mercury (ICP/MS)

Analyte	Result
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Hg	ND
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Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier
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Aluminum	ND	
Antimony	ND	
Arsenic	ND	
Barium	0.025	

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Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result
Beryllium	ND
Cadmium	ND
Chromium	0.0017
Copper	0.0016
Lead	ND
Manganese	ND
Nickel	0.0015
Selenium	ND
Silver	ND
Thallium	ND
Uranium	ND
Zinc	ND
Analyte	Result
Uranium	ND

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result
Hardness (as CaCO3)	120
Calcium hardness as CaCO3	69
Magnesium hardness as calcium carbonate	55

General Chemistry

Analyte	Result
Turbidity (180.1)	0.55
Ammonia (350.1)	ND
Chlorine dioxide (4500 ClO2 D)	ND HF
Color, Apparent (SM 2120B)	ND
Odor (SM 2150B)	ND H H3
Alkalinity (SM 2320B)	100
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	100
Carbonate Alkalinity as CaCO3 (SM 2320B)	ND
Hydroxide Alkalinity (SM 2320B)	ND
Specific Conductance (SM 2510B)	260
Total Dissolved Solids (SM 2540C)	160
Chlorine, Total Residual (SM 4500 Cl G)	ND HF
Chloramines, Total (SM 4500 Cl G)	ND HF
Chlorine, free (SM 4500 Cl G)	ND HF
Fluoride (SM 4500 F C)	0.093
pH (SM 4500 H+ B)	7.5 HF
Orthophosphate as P (SM 4500 P E)	0.073