

**CLIENT INFORMATION**

**Client:** Spreck Rosekrans  
**Requested On:** Jun 27, 2024  
**Phone:** 5103934593  
**Email:** [spreck@hetchhetchy.org](mailto:spreck@hetchhetchy.org)

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

**EPA LAB ID:** CA01652  
8312 Miramar Mall  
San Diego, California 92121

**TESTING PERFORMED**

**Testing Requested:** Advanced City Water Test  
**Matrix:** Drinking Water  
**Testing / Report ID:** MEZ86D

**SAMPLE INFORMATION**

**Collection Date:** Jun 30, 2024  
**Collected By:** Spreck Rosekrans  
**Received Date:** Jul 3, 2024  
**Reported On:** Jul 11, 2024  
**Sample Location:** Bottle C  
**Sample Address:** 232 Garcia Avenue, Half Moon Bay, CA  
94019, United States

**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	8.23	EPA 150.1	OK
Total Dissolved Solids	mg/L	32.9	SM 2510 B	
Conductivity	umhos/cm	51.4	SM 2510 B	
Hardness (Ca,Mg)	mg/L	11.53		
Hardness (Total)	mg/L	11.68		
Grains per gallon	Grains	0.69		
Alkalinity (as CaCO3)	mg/L	11.76	SM 2320 B	
Langelier Saturation Index		-1.36		
Sodium Adsorption Ratio		0.61		
Total THMs	µg/L	52.3		

**TEST RESULTS**

ANALYTE	UNIT	RESULT	MDL	METHOD	EVALUATION
1,1,1,2 Tetrachloroethane	µg/L	NOT DETECTED	0.089	EPA 524.4	
1,1,1 Trichloroethane	µg/L	NOT DETECTED	0.099	EPA 524.4	
1,1,2,2 Tetrachloroethane	µg/L	NOT DETECTED	0.045	EPA 524.4	
1,1,2 Trichloroethane	µg/L	NOT DETECTED	0.065	EPA 524.4	

1,1 Dichloroethane	µg/L	NOT DETECTED	0.112	EPA 524.4	
1,1 Dichloroethylene	µg/L	NOT DETECTED	0.119	EPA 524.4	
1,1 Dichloropropene	µg/L	NOT DETECTED	0.108	EPA 524.4	
1,2,3 Trichlorobenzene	µg/L	NOT DETECTED	0.075	EPA 524.4	
1,2,3 Trichloropropane	µg/L	NOT DETECTED	0.067	EPA 524.4	
1,2,4 Trichlorobenzene	µg/L	NOT DETECTED	0.082	EPA 524.4	
1,2,4 Trimethylbenzene	µg/L	NOT DETECTED	0.106	EPA 524.4	
1,2 Dichlorobenzene	µg/L	NOT DETECTED	0.089	EPA 524.4	
1,2 Dichloroethane	µg/L	NOT DETECTED	0.077	EPA 524.4	
1,2 Dichloropropane	µg/L	NOT DETECTED	0.085	EPA 524.4	
1,3,5 Trimethylbenzene	µg/L	NOT DETECTED	0.119	EPA 524.4	
1,3 Dichlorobenzene	µg/L	NOT DETECTED	0.091	EPA 524.4	
1,3 Dichloropropane	µg/L	NOT DETECTED	0.08	EPA 524.4	
1,4 Dichlorobenzene	µg/L	NOT DETECTED	0.091	EPA 524.4	
2,2 Dichloropropane	µg/L	NOT DETECTED	0.091	EPA 524.4	
Aluminum	mg/L	<b>0.00974</b>	0.00974	EPA 200.7	< HGL
Antimony	mg/L	NOT DETECTED	0.00014	EPA 200.8	
Arsenic	mg/L	<b>0.0003361</b>	5.0E-5	EPA 200.8	> HGL (0)
Barium	mg/L	<b>0.00491</b>	9.0E-5	EPA 200.7	< HGL
Benzene	µg/L	NOT DETECTED	0.105	EPA 524.4	
Beryllium	mg/L	NOT DETECTED	1.0E-5	EPA 200.8	
Boron	mg/L	<b>0.01542</b>	0.00348	EPA 200.7	< HGL
Bromobenzene	µg/L	NOT DETECTED	0.087	EPA 524.4	
Bromochloromethane	µg/L	NOT DETECTED	0.122	EPA 524.4	
Bromodichloromethane	µg/L	<b>0.67</b>	0.08	EPA 524.4	> HGL (0)
Bromoform	µg/L	NOT DETECTED	0.072	EPA 524.4	
Bromomethane	µg/L	NOT DETECTED	0.187	EPA 524.4	
Cadmium	mg/L	NOT DETECTED	0	EPA 200.8	
Calcium	mg/L	<b>4.03327</b>	0.00319	EPA 200.7	
Carbon Tetrachloride	µg/L	NOT DETECTED	0.091	EPA 524.4	
Chloride	mg/L	<b>4.756</b>	0.007	EPA 300.1	
Chlorobenzene	µg/L	NOT DETECTED	0.116	EPA 524.4	
Chloroethane	µg/L	NOT DETECTED	0.157	EPA 524.4	
Chloroform	µg/L	<b>51.54</b>	0.106	EPA 524.4	> HGL (0.22)
Chloromethane	µg/L	NOT DETECTED	0.185	EPA 524.4	
Chlorotoluene 2	µg/L	NOT DETECTED	0.091	EPA 524.4	
Chlorotoluene 4	µg/L	NOT DETECTED	0.085	EPA 524.4	
Chromium (Total)	mg/L	<b>0.000185</b>	0.00019	EPA 200.8	< HGL
cis 1,2 Dichloroethylene	µg/L	NOT DETECTED	0.089	EPA 524.4	
cis 1,3 Dichloropropene	µg/L	NOT DETECTED	0.064	EPA 524.4	

Cobalt	mg/L	<b>4.0E-6</b>	0	EPA 200.8	< HGL
Copper	mg/L	<b>0.01485</b>	0.00039	EPA 200.7	< HGL
Dibromochloromethane	µg/L	<b>0.09</b>	0.068	EPA 524.4	< HGL
Dibromochloropropane	µg/L	NOT DETECTED	0.069	EPA 524.4	
Dibromomethane	µg/L	NOT DETECTED	0.074	EPA 524.4	
Dichlorodifluoromethane	µg/L	NOT DETECTED	0.094	EPA 524.4	
Dichloromethane	µg/L	NOT DETECTED	0.142	EPA 524.4	
Ethylbenzene	µg/L	NOT DETECTED	0.11	EPA 524.4	
Ethylene dibromide	µg/L	NOT DETECTED	0.072	EPA 524.4	
Fluoride	mg/L	<b>0.717</b>	0.004	EPA 300.1	< HGL
Hexachlorobutadiene	µg/L	NOT DETECTED	0.122	EPA 524.4	
Iron	mg/L	<b>0.02543</b>	0.00072	EPA 200.7	< HGL
Isopropylbenzene	µg/L	NOT DETECTED	0.104	EPA 524.4	
Lead	mg/L	<b>0.0001128</b>	2.0E-5	EPA 200.8	> HGL (0)
Lithium	mg/L	<b>0.00153</b>	0.00017	EPA 200.7	< HGL
Magnesium	mg/L	<b>0.35482</b>	0.00037	EPA 200.7	
Manganese	mg/L	<b>0.00121</b>	7.0E-5	EPA 200.7	< HGL
Mercury	mg/L	NOT DETECTED	1.0E-5	EPA 200.8	
Methyl Tertiary Butyl Ether	µg/L	NOT DETECTED	0.074	EPA 524.4	
Molybdenum	mg/L	<b>0.0003439</b>	1.0E-5	EPA 200.8	< HGL
m,p Xylene	µg/L	NOT DETECTED	0.233	EPA 524.4	
Naphthalene	µg/L	NOT DETECTED	0.066	EPA 524.4	
n Butylbenzene	µg/L	NOT DETECTED	0.096	EPA 524.4	
Nickel	mg/L	NOT DETECTED	0.0001	EPA 200.8	
Nitrate (as N)	mg/L	<b>0.006</b>	0.006	EPA 300.1	< HGL
Nitrite (as N)	mg/L	<b>0.006</b>	0.006	EPA 300.1	< HGL
n Propylbenzene	µg/L	NOT DETECTED	0.095	EPA 524.4	
o Xylene	µg/L	NOT DETECTED	0.114	EPA 524.4	
Phosphorus	mg/L	NOT DETECTED	0.00587	EPA 200.7	
p Isopropyltoluene	µg/L	NOT DETECTED	0.109	EPA 524.4	
Potassium	mg/L	<b>0.25947</b>	0.00068	EPA 200.7	
sec Butylbenzene	µg/L	NOT DETECTED	0.103	EPA 524.4	
Selenium	mg/L	NOT DETECTED	0.00041	EPA 200.8	
Silver	mg/L	NOT DETECTED	1.0E-5	EPA 200.8	
Sodium	mg/L	<b>4.77071</b>	0.00017	EPA 200.7	
Strontium	mg/L	<b>0.02789</b>	4.0E-5	EPA 200.7	< HGL
Styrene	µg/L	NOT DETECTED	0.087	EPA 524.4	
Sulfate	mg/L	<b>1.23</b>	0.009	EPA 300.1	< HGL
tert Butylbenzene	µg/L	NOT DETECTED	0.106	EPA 524.4	
Tetrachloroethylene	µg/L	NOT DETECTED	0.106	EPA 524.4	

Thallium	mg/L	NOT DETECTED	0	EPA 200.8	
Tin	mg/L	NOT DETECTED	0.0034	EPA 200.7	
Titanium	mg/L	NOT DETECTED	0.00028	EPA 200.7	
Toluene	µg/L	NOT DETECTED	0.031	EPA 524.4	
trans 1,3 Dichloropropene	µg/L	NOT DETECTED	0.091	EPA 524.4	
Trichloroethylene	µg/L	NOT DETECTED	0.125	EPA 524.4	
Trichlorofluoromethane	µg/L	NOT DETECTED	0.123	EPA 524.4	
Uranium	mg/L	<b>0.0005036</b>	3.0E-5	EPA 200.8	> HGL (0)
Vanadium	mg/L	NOT DETECTED	0.00017	EPA 200.8	
Vinyl Chloride	µg/L	NOT DETECTED	0.156	EPA 524.4	
Zinc	mg/L	<b>0.00173</b>	0.00044	EPA 200.7	< HGL

**How To Read Your SimpleLab PDF Report**

Your results are being evaluated with the Health Guidance Level.

This is a health protective, non-enforceable drinking water benchmark. HGL is based on the most protective human health benchmark used among public health agencies for a contaminant. Drinking water at or near the HGL 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.

### **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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