



ETR Laboratories

WATER AND ENVIRONMENTAL TESTING

Same as Client

Report #: 6323217

Date : 6/3/2023

P.O.Number: Internet

Matrix: Drinking Water

Client: Brian Nix

Sample 162 Alpine Drive

Location: Bishop CA 93514

Phone: (805) 216-2199

This sample taken by Brian Nix at 11:40:00 AM on 5/31/2023. . Point of collection: Kitchen

Ultimate Water Test

Analytes	Results	Accredited Method	EPA Limits
<u>Bacteria</u>			
Total Coliform	Absent	SOP #111 based on SM 9223B	0
E. Coli	Absent	SOP #111 based on SM 9223B	0
Total Bacteria Count	214 cfu/mL	SOP #119 based on SM 9215B	500 cfu/mL
Fungi Count	0 cfu/10mL		0 cfu/10mL
<u>Mineral Chemistry</u>			
Sodium	7.03 mg/L	SOP #110 based on EPA 200.8	No Limit
Potassium	1.93 mg/L	SOP #110 based on EPA 200.8	No Limit
Copper	0.02 mg/L	SOP #110 based on EPA 200.8	1.30 mg/L
Iron	Not Detected	SOP #110 based on EPA 200.8	0.30 mg/L
Manganese	Not Detected	SOP #110 based on EPA 200.8	0.05 mg/L
Magnesium	2.96 mg/L	SOP #110 based on EPA 200.8	No Limit
Calcium	24.50 mg/L	SOP #110 based on EPA 200.8	No Limit
Arsenic (Total)	0.005 mg/L	SOP #110 based on EPA 200.8	0.010 mg/L
Lead	Not Detected	SOP #110 based on EPA 200.8	0.015 mg/L
pH	8.04 SU	SOP #101 based on SM 4500-HB	6.5 - 8.5 SU
Turbidity	0.43 N.T.U.	SOP #115 based on SM 2130B	No Limit
Color	0 C.U.		15.0 C.U.
Odor	Absent		3.0 T.O.N.
Conductivity	217.9 umhos	SOP #103 based on SM 2510B	No Limit
T.D.S.	130.7 mg/L		500.0 mg/L
Sediment	Absent		Present
Alkalinity	100.0 mg/L	SOP #102 based on SM 2320B	No Limit
Chlorine	Not Detected	SOP #114 based on SM 4500-CL-G	4.0 mg/L
Chloride	0.86 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Hardness	73.4 mg/L	SOP #110 based on EPA 200.8	No Limit
Nitrate as Nitrogen	1.28 mg/L	SOP #125 based on EPA 6500	10.0 mg/L
Nitrite as Nitrogen	Not Detected	SOP #125 based on EPA 6500	1.0 mg/L
Ammonia as Nitrogen	Not Detected	SOP #104 based on SM 4500-NH3-BD	No Limit
Sulfate	21.55 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Fluoride	<0.10 mg/L	SOP #116 based on SM 4500-F-C	4.0 mg/L
Tannins	Not Detected		No Limit

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<u>Analytes</u>	<u>Results</u>	<u>Accredited Method</u>	<u>EPA Limits</u>
Silica	15.18 mg/L		-
<u>Radiochemistry</u>			
Radon in Water	2290 pCi/L		-
<u>Heavy Metals</u>			
Antimony	Not Detected		0.006 mg/L
Aluminum	Not Detected		0.05-0.20 mg/L
Barium	0.01 mg/L		2.0 mg/L
Beryllium	Not Detected		0.004 mg/L
Boron	0.01 mg/L		-
Cadmium	Not Detected	SOP #110 based on EPA 200.8	0.005 mg/L
Chromium	Not Detected	SOP #110 based on EPA 200.8	0.100 mg/L
Mercury	Not Detected	SOP #110 based on EPA 200.8	0.002 mg/L
Nickel	Not Detected		0.100 mg/L
Selenium	Not Detected		0.050 mg/L
Silver	Not Detected		0.100 mg/L
Thallium	Not Detected		0.002 mg/L
Zinc	0.01 mg/L	SOP #110 based on EPA 200.8	5.0 mg/L
Strontium	0.05 mg/L		-
Lithium	Not Detected		-
Tin	Not Detected		-
Molybdenum	0.04 mg/L		-
Cerium	Not Detected		-
Titanium	Not Detected		-
Vanadium	Not Detected		-
Cobalt	Not Detected		-
Uranium	0.019 mg/L	SOP #110 based on EPA 200.8	0.030 mg/L
<u>Other Parameters</u>			
T. Phosphorus	Not Detected		-
<u>Volatile Organics</u>			
Benzene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Bromobenzene	Not Detected	SOP #107 based on EPA 524.2	-
Bromochloromethane	Not Detected	SOP #107 based on EPA 524.2	-

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Bromodichloromethane	Not Detected		-
Bromoform	Not Detected		-
Bromomethane	Not Detected	SOP #107 based on EPA 524.2	-
n-Butylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
sec-Butylbenzene	Not Detected	SOP #107 based on EPA 524.2	No Limit
tert-Butylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
Carbon-Tetrachloride	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Dibromochloromethane	Not Detected		-
Chloroethane	Not Detected	SOP #107 based on EPA 524.2	-
Chloroform	Not Detected		-
Chloromethane	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Chlorotoluene	Not Detected		-
1,4-Chlorotoluene	Not Detected		-
1,2-Dibromo-3-chloropropane	Not Detected		0.2 ug/L
Dibromomethane	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Dibromoethane	Not Detected		-
1,3-Dichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Dichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	600.0 ug/L
1,4-Dichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Dichlorodifluoromethane	Not Detected	SOP #107 based on EPA 524.2	-
1,1-Dichloroethane	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Dichloroethane	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
1,1-Dichloroethylene	Not Detected	SOP #107 based on EPA 524.2	7.0 ug/L
trans-1,2-Dichloroethene	Not Detected		100.0 ug/L
1,2-Dichloropropane	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
1,3-Dichloropropane	Not Detected	SOP #107 based on EPA 524.2	-
2,2-Dichloropropane	Not Detected	SOP #107 based on EPA 524.2	-
1,1-Dichloropropene	Not Detected	SOP #107 based on EPA 524.2	-
1,3-Dichloropropene	Not Detected	SOP #107 based on EPA 524.2	-
trans-1,3-Dichloropropene	Not Detected	SOP #107 based on EPA 524.2	No Limit
Ethylbenzene	Not Detected	SOP #107 based on EPA 524.2	700.0 ug/L
Trichlorofluoromethane	Not Detected		No Limit
Hexachlorobutadiene	Not Detected	SOP #107 based on EPA 524.2	-
Isopropylbenzene	Not Detected	SOP #107 based on EPA 524.2	-

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Methyl-t-Butyl Ether (MTBE)	Not Detected		70.0 ug/L
p-Isopropyltoluene	Not Detected		-
Methylene Chloride	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Monochlorobenzene	Not Detected		100.0 ug/L
Napthalene	Not Detected	SOP #107 based on EPA 524.2	-
n-Propylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
Styrene	Not Detected	SOP #107 based on EPA 524.2	100.0 ug/L
1,1,1,2-Tetrachloroethane	Not Detected	SOP #107 based on EPA 524.2	-
1,1,2,2-Tetrachloroethane	Not Detected	SOP #107 based on EPA 524.2	-
Tetrachloroethylene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Toluene	Not Detected	SOP #107 based on EPA 524.2	1000.0 ug/L
1,2,3-Trichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	-
1,2,4-Trichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	70.0 ug/L
1,1,1-Trichloroethane	Not Detected	SOP #107 based on EPA 524.2	200.0 ug/L
1,1,2-Trichloroethane	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Trichloroethylene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
1,2,3-Trichloropropane	Not Detected	SOP #107 based on EPA 524.2	-
1,2,4-Trimethylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
1,3,5-Trimethylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
Vinyl Chloride	Not Detected	SOP #107 based on EPA 524.2	2.0 ug/L
o-Xylene	Not Detected		T. Xylenes 10K ug/
m+p Xylenes	Not Detected		T. Xylenes 10K ug/
<u>Pesticides</u>			
Aldrin	Not Detected		-
A-BHC	Not Detected		-
B-BHC	Not Detected		-
C-BHC	Not Detected		-
D-BHC	Not Detected		-
Chlordane	Not Detected		2.0 ug/L
4,4'-DDD	Not Detected		-
4,4'-DDE	Not Detected		-
4,4'-DDT	Not Detected		-
Dieldrin	Not Detected		-

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<u>Analytes</u>	<u>Results</u>	<u>Accredited Method</u>	<u>EPA Limits</u>
Endrin	Not Detected		-
Heptachlor	Not Detected		-
Heptachlor Epoxide	Not Detected		-
Methoxychlor	Not Detected		-
<u>Herbicides</u>			
2,4-D	Not Detected		70.0 ug/L
2,4,5-TP	Not Detected		50.0 ug/L
2,4,5-T	Not Detected		-
<u>Semi-Volatile Organic</u>			
Acenaphthylene	Not Detected		-
Acenaphthene	Not Detected		-
Alachlor	Not Detected		-
Ametryn	Not Detected		-
Anthracene	Not Detected		-
Atraton	Not Detected		-
Atrazine	Not Detected		3.0 µg/L
Benzo(a)pyrene	Not Detected		-
Benz (A) Anthracene	Not Detected		-
Benzo (B) Fluoranthene	Not Detected		-
Benzo (K) Fluoranthene	Not Detected		-
Bromacil	Not Detected		-
Butachlor	Not Detected		-
Butylate	Not Detected		-
ButylBenzyl Pthalate	Not Detected		-
Carboxin	Not Detected		--
Alpha Chlordane	Not Detected		-
Gamma Chlordane	Not Detected		-
Trans Nonachlor	Not Detected		-
Chlorneb	Not Detected		-
Chlorobenzilate	Not Detected		-
Chlorpropam	Not Detected		-
Chlorothalonil	Not Detected		-
Chloropyrifos	Not Detected		-

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2-Chlorobiphenyl	Not Detected		-
Chrysene	Not Detected		-
Cyanazine	Not Detected		-
Cycloate	Not Detected		-
DCPA	Not Detected		-
DDD, 4,4'-	Not Detected		-
DDE, 4,4'-	Not Detected		-
DDT, 4,4'-	Not Detected		-
Diazinon	Not Detected		-
Dibenz (A,H) Anthracene	Not Detected		-
Di-N-Butyl Phthalate	Not Detected		-
2,3-Dichlorobiphenyl	Not Detected		-
Dichlorvos	Not Detected		-
Diethyl Phthalate	Not Detected		-
Di (2-Ethylhexyl) Adipate	Not Detected		-
Di (2-Ethylhexyl) Phthalate	Not Detected		-
Dimethyl Phthalate	Not Detected		-
2,4-Dinitrotoluene	Not Detected		-
2,6-Dinitrotoluene	Not Detected		-
Diphenamid	Not Detected		-
Disulfoton	Not Detected		-
Endosulfan I	Not Detected		-
Endosulfan II	Not Detected		-
Endosulfan Sulfate	Not Detected		-
Endrin Aldehyde	Not Detected		-
EPTC	Not Detected		-
Ethoprop	Not Detected		-
Etridiazole	Not Detected		-
Fenamiphos	Not Detected		-
Fenarimol	Not Detected		-
Fluorene	Not Detected		-
Fluridone	Not Detected		-
2,2',3,3',4,4',6-Heptachlorobiphenyl	Not Detected		-
Hexachlorobenzene	Not Detected		-

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2,2',4,4',5,6'-HexachloroBiphenyl	Not Detected		-
Alpha Hexachlorocyclohexane	Not Detected		-
Beta Hexachlorocyclohexane	Not Detected		-
Delta Hexachlorocyclohexane	Not Detected		-
Hexachlorocyclohexane	Not Detected		-
Hexazinone	Not Detected		-
Indeno (1,2,3-CD) Pyrene	Not Detected		-
Isophorone	Not Detected		-
Lindane	Not Detected		-
Merphos	Not Detected		-
Methyl Paraoxon	Not Detected		-
Metolachlor	Not Detected		-
Metribuzin	Not Detected		-
Mevinphos	Not Detected		-
MGK 264	Not Detected		-
Molinate	Not Detected		-
Napropamide	Not Detected		-
Norflurazon	Not Detected		-
2,2',3,3',4,5',6,6'-OctachloroBiphenyl	Not Detected		-
Pebulate	Not Detected		-
2,2',3',4,6-Pentachlorobiphenyl	Not Detected		-
Pentachlorophenol	Not Detected		-
Phenanthrene	Not Detected		-
Permethrin, Cis	Not Detected		-
Permethrin, Trans	Not Detected		-
Prometron	Not Detected		-
Prometryn	Not Detected		-
Pronamide	Not Detected		-
Propachlor	Not Detected		-
Propazine	Not Detected		-
Pyrene	Not Detected		-
Simazine	Not Detected		-
Simetryn	Not Detected		-

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Stifros	Not Detected		-
Terbutiuron	Not Detected		-
Terbacil	Not Detected		-
Terbufos	Not Detected		-
Terbutryn	Not Detected		-
2,2',4,4'-Tetrachlorobiphenyl	Not Detected		-
Triademefon	Not Detected		-
2,4,5-Trichlorobiphenyl	Not Detected		-
Tricyclazole	Not Detected		-
Trifluralin	Not Detected		-
Vernolate	Not Detected		-
PCB Screen	Not Detected		-
Toxaphene Screen	Not Detected		-
Technical Chloradane	Not Detected		-
Benzo(g,h,i)perylene	Not Detected		0.150 mg/kg

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