

# DRINKING WATER LABORATORY REPORT

Client: **Sierra East**

KAR Project No. : **505001**

Date Reported: **06/10/15**

## Analysis of one drinking water sample.

<b>Sample ID :</b> <u><b>"410 N. Mojave St., 93549"</b></u>	
<b>Sampled By :</b> <b>Scott Palamar</b>	<b>Date Received :</b> <b>06/08/15</b>
<b>Sample Date :</b> <b>06/05/15</b>	<b>Sample Type :</b> <b>domestic</b>
<b>Sample Time :</b> <b>1400</b>	<b>KAR Sample No. :</b> <b>505001-01W</b>

Test	Result	Units*	Method	Analyzed	Comments	Explanation
Prep. 1631	Completed		EPA 1631E	06/08/15 JHB		
Water Test Kit-Metals (MS)	See below		EPA 200.8	06/09/15 NHM		
Water Test Kit-Metals (OES1)	See below		EPA 200.7	06/08/15 JHB		
Water Test Kit-Metals (OES2)	See below		EPA 200.7	06/08/15 JHB		
Aluminum, total	<0.1	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[0.050 mg/L]	None found (acceptable result)
Antimony, total	<0.005	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.006 mg/L	None found (acceptable result)
Arsenic, total	0.008	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.01 mg/L	
Barium, total	<0.05	mg/L	EPA 200.7	06/08/15 JHB	MCL**=2 mg/L	None found (acceptable result)
Beryllium, total	<0.002	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.004 mg/L	None found (acceptable result)
Bismuth, total	<0.1	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Boron, total	<0.05	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Cadmium, total	<0.001	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.005 mg/L	None found (acceptable result)
Calcium, total	22.2	mg/L	EPA 200.7	06/08/15 JHB		
Cerium, total	<0.005	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Cesium, total	<0.02	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Chromium, hexavalent	<0.01	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Chromium, total	<0.01	mg/L	EPA 200.7	06/08/15 JHB	MCL**=0.1 mg/L	None found (acceptable result)
Cobalt, total	<0.02	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Copper, total	<0.02	mg/L	EPA 200.7	06/08/15 JHB	MCL**=1.3 mg/L	None found (acceptable result)
Gallium, total	<0.02	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Gold, total	<0.02	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Indium, total	<0.02	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Iron, total	<0.01	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[0.3 mg/L]	None found (acceptable result)
Lead, total	<0.003	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.015 mg/L	None found (acceptable result)
Lithium, total	<0.05	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Magnesium, total	2.0	mg/L	EPA 200.7	06/08/15 JHB		
Manganese, total	<0.005	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[0.05 mg/L]	None found (acceptable result)
Mercury by EPA 1631	<0.025	ug/L	EPA 1631E	06/10/15 JHB	MCL**=2 ug/L	None found (acceptable result)
Molybdenum, total	<0.02	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Nickel, total	<0.02	mg/L	EPA 200.7	06/08/15 JHB	MCL**=0.1 mg/L	None found (acceptable result)
Niobium, total	<0.05	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Phosphorus, total, by ICP	<0.5	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Potassium, total	2.2	mg/L	EPA 200.7	06/08/15 JHB		
Selenium, total	<0.005	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.05 mg/L	None found (acceptable result)
Silver, total	<0.005	mg/L	EPA 200.8	06/09/15 NHM	MCL**=[0.1 mg/L]	None found (acceptable result)
Sodium, total	10.2	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[20 mg/L]	
Strontium, total	0.3	mg/L	EPA 200.7	06/08/15 JHB		
Sulfur, total, by ICP	3.4	mg/L	EPA 200.7	06/08/15 JHB		
Tantalum, total	<0.05	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Thallium, total	<0.002	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.002 mg/L	None found (acceptable result)
Thorium, total	<0.02	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Tin, total	<0.1	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Titanium, total	<0.01	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Tungsten, total	<0.05	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Uranium, total	<0.02	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Vanadium, total	<0.02	mg/L	EPA 200.8	06/09/15 NHM		None found (acceptable result)
Zinc, total	<0.02	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[5 mg/L]	None found (acceptable result)
Zirconium, total	<0.05	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Bacteria, E. coli	Negative		SM 9223 B	06/08/15 EIF		Negative indicates this bacteria was not detected by this screening method.

"<" (less than sign) indicates NOT FOUND. The number to the right of "<" is the lowest concentration that the test can detect (the reporting limit)

\*\* please refer to Page 1 for more information

**\*Units of Measure**

mg/L is milligrams per liter (ppm)	ppb is parts per billion
ug/L is micrograms per liter (ppb)	gpg is grains per gallon
ppm is parts per million	S.U. is Standard Units
ppt is parts per thousand	

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KAR Project No. : **505001**

Date Reported: **06/10/15**

**Analysis of one drinking water sample.**

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<b>Sample Date :</b> <b>06/05/15</b>	<b>Sample Type :</b> <b>domestic</b>
<b>Sample Time :</b> <b>1400</b>	<b>KAR Sample No. :</b> <b>505001-01W</b>

Test	Result	Units*	Method	Analyzed	Comments	Explanation
Bacteria, total coliform	Negative		SM 9223 B	06/08/15 EIF		Negative indicates this bacteria was not detected by this screening method.
Alkalinity (as CaCO3)	81	mg/L	SM 2320 B	06/09/15 JWW		
Bicarbonate (as CaCO3)	80	mg/L	SM 2320 B	06/09/15 JWW		
Bromide	<0.1	mg/L	EPA 300.0A	06/09/15 ALK		None found (acceptable result)
Carbonate (as CaCO3)	0.67	mg/L	SM 2320 B	06/09/15 JWW		
Chloride	1.0	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=[250 mg/L]	
Conductivity	183	micromhos/cm	EPA 120.1	06/08/15 JWW		
Corrosivity, Langelier Index	-0.2	S.U.	SM 2330 B	06/08/15 JWW		
Corrosivity, Ryznar Index	8.5	S.U.	SM 2330 B	06/08/15 JWW		
Fluoride	0.46	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=4 mg/L [2]	
Hardness	64	mg/L (as CaCO3)	SM 2340 B	06/08/15 JHB		
Hardness (gpg)	3.7	grains/gallon	SM 2340 B	06/08/15 JHB		
Nitrogen, nitrate	<0.1	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=10 mg/L	None found (acceptable result)
Nitrogen, nitrite	<0.1	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=1 mg/L	None found (acceptable result)
PH	8.0	S.U.	SM 4500-H B	06/09/15 JWW	MCL**=6.5-8.5su	
Salinity	0.089	ppt	SM 2520 B	06/08/15 JWW		
Silica	32.8	mg/L	EPA 200.7	06/08/15 JHB		
Sulfate	10	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=[250 mg/L]	
Tot. diss. solids, estimated	123	mg/L	EPA 120.1	06/08/15 JWW	MCL**=[500 mg/L]	

*This report is informational and is not intended for use in SDWA regulatory compliance testing.*

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**KAR Laboratories, Inc.**