

DRINKING WATER LABORATORY REPORT

Client: **Sierra East**

KAR Project No. : **505003**

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

Analysis of one drinking water sample.

Sample ID : <u>"Cabin Bar 40"</u>	
Sampled By : <i>Scott Palamar</i>	Date Received : 06/08/15
Sample Date : 06/05/15	Sample Type : domestic
Sample Time : 1300	KAR Sample No. : 505003-01W

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	0.006	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	0.11	mg/L	EPA 200.7	06/08/15 JHB		
Cadmium, total	<0.001	mg/L	EPA 200.8	06/09/15 NHM	MCL**=0.005 mg/L	None found (acceptable result)
Calcium, total	18.5	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	0.08	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[0.3 mg/L]	
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		
Magnesium, total	1.7	mg/L	EPA 200.7	06/08/15 JHB		
Manganese, total	0.020	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[0.05 mg/L]	
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	2.1	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	17.2	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[20 mg/L]	
Strontium, total	0.2	mg/L	EPA 200.7	06/08/15 JHB		
Sulfur, total, by ICP	8.7	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	0.03	mg/L	EPA 200.7	06/08/15 JHB	MCL**=[5 mg/L]	
Zirconium, total	<0.05	mg/L	EPA 200.7	06/08/15 JHB		None found (acceptable result)
Bacteria, E. coli	Positive		SM 9223 B	06/08/15 EIF		A result other than "Negative" indicates a potential problem - resampling or well chlorination followed by retesting is usually recommended.

"<" (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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Sample ID : <u>"Cabin Bar 40"</u> Sampled By : <i>Scott Palamar</i> Sample Date : 06/05/15 Sample Time : 1300	Date Received : 06/08/15 Sample Type : domestic KAR Sample No. : 505003-01W
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Test	Result	Units*	Method	Analyzed	Comments	Explanation
Bacteria, total coliform	Positive		SM 9223 B	06/08/15 EIF		A result other than "Negative" indicates a potential problem - resampling or well chlorination followed by retesting is usually recommended.
Alkalinity (as CaCO3)	74	mg/L	SM 2320 B	06/09/15 JWW		
Bicarbonate (as CaCO3)	73	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)	0.64	mg/L	SM 2320 B	06/09/15 JWW		
Chloride	2.8	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=[250 mg/L]	
Conductivity	203	micromhos/cm	EPA 120.1	06/08/15 JWW		
Corrosivity, Langelier Index	-0.4	S.U.	SM 2330 B	06/08/15 JWW		
Corrosivity, Ryznar Index	8.8	S.U.	SM 2330 B	06/08/15 JWW		
Fluoride	0.42	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=4 mg/L [2]	
Hardness	53	mg/L (as CaCO3)	SM 2340 B	06/08/15 JHB		
Hardness (gpg)	3.1	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	0.099	ppt	SM 2520 B	06/08/15 JWW		
Silica	26.7	mg/L	EPA 200.7	06/08/15 JHB		
Sulfate	26	mg/L	EPA 300.0A	06/09/15 ALK	MCL**=[250 mg/L]	
Tot. diss. solids, estimated	136	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.