

# Water Quality

Treated water samples are submitted to an accredited laboratory twice annually for for chemical analysis. The current test results are presented in the following table and are well within the recognized limits, reflecting a high quality potable water.

Chemical Analysis Test Results					
Item Measured	Unit of Measure	Test Result	Item Measured	Unit of Measure	Test Result
<b>Routine Water</b>			<b>Inorganic Non Metallic Parameters</b>		
pH		8.16	Kjeldahl Nitrogen	mg/l	Not Tested
Conductivity	uS/cm @ 25C	350	Ammonium - N	mg/l	<0.9
Calcium	mg/l	41.7	Organic Carbon	mg/l	1.9
Magnesium	mg/l	14.6	<b>Extractable Metals</b>		
Sodium	mg/l	8	Iron	mg/l	<0.03
Potassium	mg/l	1.7	Manganese	mg/l	<0.01
Iron	mg/l	Not Tested	Aluminum	mmg/l	17.1
Manganese	mg/l	Not Tested	Copper	mmg/l	4.6
Chlorides	mg/l	18.7	Lead	mmg/l	0.3
Fluorides	mg/l	0.07	<b>Physical &amp; Aggregate Properties</b>		
Nitrates - N	mg/l	<0.05	Colour	Colour Units	Not Tested
Nitrites - N	mg/l	<0.06	Turbidity	NTU	0.1
Nitrate and Nitrite	mg/l	<0.05	Temperature of pH	Celcius	Not Reported
Sulphates	mg/l	32	<b>Trihalomethanes Screen</b>		
Hydroxide	mg/l	0	Chloroform	mg/l	0.025
Bromides	mg/l	<0.1	Bromodichloromethane	mg/l	0.006
Carbonates	mg/l	0	Dibromochloromethane	mg/l	0.001
Bicarbonate	mg/l	151	Bromoform	mg/l	<0.001
P-Alkalinity	mg CaCO3/l	0	Total Trihalomethanes	mg/l	0.032
T-Alkalinity	mg CaCO3/l	124	<b>Trihalomethanes - Surrogate Recovery</b>		
Hardness	mg CaCO3/l	164	Dibromofluoromethane	EPA Surrogate %	Not Reported
Total Dissolved Solids	mg/l	191	Toluene-d8	EPA Surrogate %	Not Reported
Ionic Balance	%	1.00	Bromofluorobenzine	EPA Surrogate %	Not Reported