

**Make Up Municipal Water (PH 7.52)**

Analyses	Result	PQL
<b>Hardness, Ca-Calculation</b>		
Hardness, Calcium (As CaCO <sub>3</sub> )	110	
Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	140	
<b>ICP Total Metals-E200.7 (4.4)</b>		
Calcium	43	4.0
Magnesium	7.7	3.0
<b>Anions by Ion Chromatography-E300.0 (2.1)</b>		
Chloride	9.8	1.0
Sulfate	58	10
<b>Alkalinity-SM2320B</b>		
Alkalinity, Bicarbonate (As CaCO <sub>3</sub> )	150	2.0
Alkalinity, Carbonate (As CaCO <sub>3</sub> )	ND	2.0
Alkalinity, Hydroxide (As CaCO <sub>3</sub> )	ND	2.0

**Basin Water at 6<sup>th</sup> day of runtime (PH 8.13)**

Analyses	Result	PQL
<b>Hardness, Ca-Calculation</b>		
Hardness, Calcium (As CaCO <sub>3</sub> )	630	
Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	850	
<b>ICP Total Metals-E200.7 (4.4)</b>		
Calcium	250	4.0
Magnesium	54	3.0
<b>Anions by Ion Chromatography-E300.0 (2.1)</b>		
Chloride	98	5.0
Sulfate	470	100
<b>Alkalinity-SM2320B</b>		
Alkalinity, Bicarbonate (As CaCO <sub>3</sub> )	760	2.0
Alkalinity, Carbonate (As CaCO <sub>3</sub> )	ND	2.0
Alkalinity, Hydroxide (As CaCO <sub>3</sub> )	ND	2.0

**Conditioning System Backflush (PH 8.29)**

Analyses	Result	PQL
<b>Hardness, Ca-Calculation</b>		
Hardness, Calcium (As CaCO <sub>3</sub> )	720	
Hardness, Calcium/Magnesium (As CaCO <sub>3</sub> )	950	
<b>ICP Total Metals-E200.7 (4.4)</b>		
Calcium	290	4.0
Magnesium	57	3.0
<b>Anions by Ion Chromatography-E300.0 (2.1)</b>		
Chloride	100	5.0
Sulfate	530	100
<b>Alkalinity-SM2320B</b>		
Alkalinity, Bicarbonate (As CaCO <sub>3</sub> )	800	2.0
Alkalinity, Carbonate (As CaCO <sub>3</sub> )	ND	2.0
Alkalinity, Hydroxide (As CaCO <sub>3</sub> )	ND	2.0