

Sample ID: 2019020061 1 Sampled By: B. Archuleta

Sample Location: CIG-2-Watkins-Fort Morgan Storage-0.0000-Salt Water Disposal

Sample Date: 2/12/2019 Sample Time: _____

Sample Description: Inlet Piping

Composition of Aqueous Liquid Sample**Bulk Characterization**

Property	Units	Result
pH		6.4
Specific Conductivity	µS/cm	14210
Resistivity, Calculated	ohm-cm	70
Specific Gravity (60/60 °F)		1.007
Total Dissolved Solids	mg/l	9883.5
Total Hardness (as CaCO ₃)	mg/l	251

Anions:

Component	Units	Result
Chloride	mg/l	5373.0
Sulfate	mg/l	33.0
Bicarbonate Alkalinity (as CaCO ₃)	mg/l	1433
Carbonate Alkalinity (as CaCO ₃)	mg/l	0
Hydroxide Alkalinity (as CaCO ₃)	mg/l	0
Total Alkalinity (as CaCO ₃)	mg/l	1433

Total Metals:

Element	Units	Result
Calcium	mg/l	71.0
Calcium (as CaCO ₃)	mg/l	177.3
Iron	mg/l	8.0
Magnesium	mg/l	18.0
Magnesium (as CaCO ₃)	mg/l	74.1
Sodium	mg/l	3319.0

Comments:

Helen Withers
Analyst

2/25/2019
Date