

Customer: **OMIMEX ENERGY INC**

Region: **Not Available**

Location: **Holyoke, CO**

System: **Produced Water Storage**

Equipment: **Holyoke Storage Tanks**

Sample Point: **Tanks**

Sample ID: **AM63340**

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Collection Date: **03/18/2019**

Receive Date: **03/21/2019**

Report Date: **03/22/2019**

Location Code: **278383**

Field Analysis

Bicarbonate	1786 mg/L	Dissolved CO2	150 mg/L	Dissolved H2S	1.7 mg/L
Pressure Surface	<.25 psi	Temperature	65 ° F	pH of Water	8.2

Sample Analysis

Conductivity (Calculated)	66149 µS - cm3	Ionic Strength	0.72	Resistivity	0.151 ohms - m
Specific Gravity	1.024	Total Dissolved Solids	42444.83 mg/L		

Cations

Iron	108.5 mg/L	Manganese	1.184 mg/L	Barium	14.04 mg/L
Strontium	18.04 mg/L	Calcium	45.83 mg/L	Magnesium	72.84 mg/L
Sodium	16109.40 mg/L				

Anions

Chloride	24254 mg/L	Sulfate	35 mg/L
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Scale Type

Anhydrite CaSO4 PTB	N/A	Anhydrite CaSO4 SI	-3.97
Barite BaSO4 PTB	5.9	Barite BaSO4 SI	0.64
Calcite CaCO3 PTB	12.5	Calcite CaCO3 SI	0.17
Celestite SrSO4 PTB	N/A	Celestite SrSO4 SI	-2.09
Gypsum CaSO4 PTB	N/A	Gypsum CaSO4 SI	-3.59
Hemihydrate CaSO4 PTB	N/A	Hemihydrate CaSO4 SI	-3.51

Comments

Water Tanks

Scaling predictions calculated using Oddo-Tomson model

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