

Customer: **OMIMEX ENERGY INC**

Region: **Not Available**

Location: **Holyoke, CO**

System: **Produced Water Storage**

Equipment: **Bowman SWD Storage Tanks**

Sample Point: **Tanks**

Sample ID: **AM63341**

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

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

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

Location Code: **278380**

### Field Analysis

Bicarbonate	<b>1366</b> mg/L	Dissolved CO2	<b>123</b> mg/L	Dissolved H2S	<b>1.7</b> mg/L
Pressure Surface	<b>&lt;.25</b> psi	Temperature	<b>65</b> ° F	pH of Water	<b>7.8</b>

### Sample Analysis

Conductivity (Calculated)	<b>37131</b> µS - cm3	Ionic Strength	<b>0.40</b>	Resistivity	<b>0.269</b> ohms - m
Specific Gravity	<b>1.015</b>	Total Dissolved Solids	<b>23830.14</b> mg/L		

### Cations

Iron	<b>66.20</b> mg/L	Manganese	<b>0.283</b> mg/L	Barium	<b>45.14</b> mg/L
Strontium	<b>20.28</b> mg/L	Calcium	<b>105.1</b> mg/L	Magnesium	<b>50.14</b> mg/L
Sodium	<b>7996.00</b> mg/L				

### Anions

Chloride	<b>14174</b> mg/L	Sulfate	<b>7</b> mg/L
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### Scale Type

<b>Anhydrite CaSO4 PTB</b>	N/A	<b>Anhydrite CaSO4 SI</b>	-4.21
<b>Barite BaSO4 PTB</b>	4.4	<b>Barite BaSO4 SI</b>	0.71
<b>Calcite CaCO3 PTB</b>	34.5	<b>Calcite CaCO3 SI</b>	0.24
<b>Celestite SrSO4 PTB</b>	N/A	<b>Celestite SrSO4 SI</b>	-2.55
<b>Gypsum CaSO4 PTB</b>	N/A	<b>Gypsum CaSO4 SI</b>	-3.80
<b>Hemihydrate CaSO4 PTB</b>	N/A	<b>Hemihydrate CaSO4 SI</b>	-3.67

### Comments

Water Tanks

Scaling predictions calculated using Oddo-Tomson model

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