

Water Analysis Report

Attention: **Jevon.Benisch@ecolab.com**

Location Code: **387500**

Sample ID: **AL12964**

Login Batch: **2018-06-28-001**

Collection Date: **06/21/2018**

Receive Date: **06/28/2018**

Report Date: **06/28/2018**

Customer: **Aeon Energy (1506251)**

Region: **Colorado**

Location: **Sedgwick County, CO**

System: **Production System**

Equipment: **Well HV Ranch 32-1 SWD**

Lab ID: **ABU-0055**

Sample Point: **Water Tank**

Analyses	Result	Unit
Dissolved CO2	88	mg/L
Dissolved H2S	1.7	mg/L
pH	8.2	
Pressure	25	psi
Temperature	75	° F

Analyses	Result	Unit
Bicarbonate	1415	mg/L
Conductivity (Calculated)	48993	µS - cm3
Ionic Strength	0.52	
Resistivity	0.204	ohms - m
Specific Gravity	1.024	
Total Dissolved Solids	31355.97	mg/L

Cations	Result	Unit
Iron	0.435	mg/L
Manganese	0.010	mg/L
Barium	35.21	mg/L
Strontium	27.31	mg/L
Calcium	66.51	mg/L
Magnesium	67.49	mg/L
Sodium	10280.00	mg/L

Anions	Result	Unit
Chloride	19453	mg/L
Sulfate	11	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-4.20
Barite BaSO4 PTB	5.9
Barite BaSO4 SI	0.60
Calcite CaCO3 PTB	34.5
Calcite CaCO3 SI	0.43
Celestite SrSO4 SI	-2.32
Gypsum CaSO4 SI	-3.87
Hemihydrate CaSO4 SI	-3.79

Saturation Index Calculation (Tomson-Oddo Model)

Comments

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