



MARTIN WATER LABS

AN INDEPENDENT ANALYTICAL LABORATORY

To	Bryan Shrauner	Project/Lease	Pollard
Company	Commodore Mid Stream	Location	
Address	1031 Andrews Hwy, Ste 200, Midland, TX 79703	Sample Point	
Lab #	23-11-156	Date Sampled	11/27/2023
Date Reported	11/28/2023	Date Received	11/27/2023

Water Analysis

Parameters:

pH:	7.96
Bicarbonate HCO ₃ (mg/l):	200
Carbonate (mg/l):	0
Hydroxide (mg/l):	0
Temperature (°F):	75
Pressure (PSI):	-
Dissolved CO ₂ (mg/l):	40
Dissolved H ₂ S (mg/l):	0
Ionic Strength:	0.0113
Resistivity ohms/m @77°F:	9.000
Specific Gravity @60°F:	0.9987

Anions mg/L (IC)

Bromide:	<.08
Chloride:	113
Fluoride:	<.08
Nitrate, as N	3.19
Nitrite, as N	<.08
Sulfate:	76

Other mg/L

Conductivity, µmhos/cm @ 77°	680
Total Hardness as CaCO ₃ :	260
Total Dissolved Solids:	550
Total Suspended Solids:	<2.5
Turbidity NTU:	0.91

Cations mg/L (ICP)

Aluminum:	<.015
Arsenic:	<.015
Barium:	0.111
Boron:	0.215
Calcium:	79.474
Chromium:	<.015
Cobalt:	<.015
Copper:	<.015
Iron:	<.015
Lead:	<.015
Lithium	0.052
Manganese:	<.015
Magnesium:	14.832
Nickel:	<.015
Potassium:	4.904
Phosphorus:	<.05
Sodium:	60.703
Strontium:	0.766
Zinc:	0.032

Remarks: The undersigned believes these results to be accurate to the best of his knowledge and belief.

Bryan Ogden
Bryan R. Ogden, B.S