Exhibit 3: Fresh Water Analysis- Shallow

Ground-Water Information Center Water Quality Report

Report Date: 3/6/2025

Site Name: SWIHART ALLEN

Compare to Water Quality Standards

Location Information

Sample Id/Site Id:	1975Q1736 / 3063	Sample Date:	11/12/1975 11:25:00 AM
Location (TRS):	25N 52E 27 BABB	Agency/Sampler:	USGS / WRC
Latitude/Longitude:	47° 53' 46" N 104° 59' 38" W	Field Number:	MC-104
Datum:	NAD27	Lab Date:	1/19/1976
Altitude:	2295	Lab/Analyst:	MBMG / LAW
County/State:	RICHLAND / MT	Sample Method/Handling:	GRAB / 1000
Site Type:	WELL	Procedure Type:	DISSOLVED
Geology:	110ALVM	Total Depth (ft):	40
USGS 7.5' Quad:	ELMDALE NW 7 1/2'	SWL-MP (ft):	NR
PWS Id:		Depth Water Enters (ft):	20
Project:	GWCP01		

Major Ion Results

	mg/L	meq/L		mg/L	meq/L
Calcium (Ca)	159.100	7.939	Bicarbonate (HCO_3)	475.300	7.790
Magnesium (Mg)	102.100	8.402	Carbonate (CO_3)	0.000	0.000
Sodium (Na)	131.000	5.699	Chloride (Cl)	3.500	0.099
Potassium (K)	4.300	0.110	Sulfate (SO_4)	647.600	13.490
Iron (Fe)	0.010	0.000	Nitrate (as N)	3.800	0.271
Manganese (Mn)	0.010	0.000	Fluoride (F)	NR	0.000
Silica (SiO_2)	13.000		Orthophosphate (as P)	NR	0.000
Total Cations		22.150	**Total Anions**		21.650

Trace Element Results (µg/L)

Aluminum (Al):	NR	Cesium (Cs):	NR	Molybdenum (Mo):	NR	Strontium (Sr):	NR
Antimony (Sb):	NR	Chromium (Cr):	NR	Nickel (Ni):	NR	Thallium (Tl):	NR
Arsenic (As):	NR	Cobalt (Co):	NR	Niobium (Nb):	NR	Thorium (Th):	NR
Barium (Ba):	NR	Copper (Cu):	NR	Neodymium (Nd):	NR	Tin (Sn):	NR
Beryllium (Be):	NR	Gallium (Ga):	NR	Palladium (Pd):	NR	Titanium (Ti):	NR
Boron (B):	NR	Lanthanum (La):	NR	Praseodymium (Pr):	NR	Tungsten (W):	NR
Bromide (Br):	NR	Lead (Pb):	NR	Rubidium (Rb):	NR	Uranium (U):	NR
Cadmium (Cd):	NR	Lithium (Li):	NR	Silver (Ag):	NR	Vanadium (V):	NR
Cerium (Ce):	NR	Mercury (Hg):	NR	Selenium (Se):	NR	Zinc (Zn):	NR
						Zirconium (Zr):	NR

Field Chemistry and Other Analytical Results

**Total Dissolved Solids (mg/L):	1299.19	Field Hardness as $CaCO_3$ (mg/L):	NR	Ammonia (mg/L):	NR
**Sum of Diss. Constituents (mg/L):	1540.2	Hardness as $CaCO_3$:	817.52	T.P. Hydrocarbons (µg/L):	NR
Field Conductivity (µmhos):	1150	Field Alkalinity as $CaCO_3$ (mg/L):	NR	PCP (µg/L):	NR
Lab Conductivity (µmhos):	1708	Alkalinity as $CaCO_3$ (mg/L):	389.58	Phosphorus, TD (mg/L):	NR
Field pH:	NR	Ryznar Stability Index:	5.665	Field Nitrate (mg/L):	NR
Lab pH:	7.75	Sodium Adsorption Ratio:	1.9936	Field Dissolved O_2 (mg/L):	NR
Water Temp (°C):	NR	Langlier Saturation Index:	1.042	Field Chloride (mg/L):	NR
Air Temp (°C):	NR	Nitrite (mg/L as N):	NR	Field Redox (mV):	NR
Nitrate + Nitrite (mg/L as N)	NR	Hydroxide (mg/L as OH):	NR	Lab, Dissolved Organic Carbon (mg/L):	NR
Total Kjeldahl Nitrogen (mg/L as N)	NR	Lab, Dissolved Inorganic Carbon (mg/L):	NR	Lab, Total Organic Carbon (mg/L):	NR
Total Nitrogen (mg/L as N)	NR	Acidity to 4.5 (mg/L CaCO3)	NR	Acidity to 8.3 (mg/L CaCO3)	NR
As(III) (ug/L)	NR	As(V) (ug/L)	NR	Total Susp Solids (mg/L)	NR

Sample Condition:

Notes

Field Remarks: SHALLOW GW 048 * WELL LOCATED IN STREAM BED 200 FT S OF COUNTY ROAD *

Lab Remarks:

Explanation: **mg/L** = milligrams per Liter; **µg/L** = micrograms per Liter; **ft** = feet; **NR** = No Reading in GWIC

Qualifiers: **A** = Hydride atomic absorption; **E** = Estimated due to interference; **H** = Exceeded holding time; **J** = Estimated quantity above detection limit but below reporting limit; **K** = Na+K combined; **N** = Spiked sample recovery not within control limits; **P** = Preserved sample; **S** = Method of standard additions; **U** = Undetected quantity below detection limit; ***** = Duplicate analysis not within control limits; ****** = Sum of Dissolved Constituents is the sum of major cations (Na, Ca, K, Mg, Mn, Fe) and anions (HCO_3, CO_3, SO_4, Cl, SiO_2, NO_3, F) in mg/L. Total Dissolved Solids is reported as equivalent weight of evaporation residue.

Disclaimer

These data represent the contents of the GWIC databases at the Montana Bureau of Mines and Geology at the time and date of the retrieval. The information is considered unpublished and is subject to correction and review on a daily basis. The Bureau warrants the accurate transmission of the data to the original end user. Retransmission of the data to other users is discouraged and the Bureau claims no responsibility if the material is retransmitted.

Exhibit 3: Freshwater Analysis- Fox Hills

ASTRO-CHEM LAB, INC.

4102 2nd Ave. W. Williston, North Dakota 58802-0972 P.O. Box 972
Phone: (701) 572-7355

WATER ANALYSIS REPORT

Sample Number:	24-03145	Date of Analysis:	9/4/2024
Company:	White Rock Oil & Gas		
City:	Plano	State:	TX
Well Number:	Candee 1 WSW		
Sample Source:		Sampled By:	Trevor Vannatta
Date Received:	9/4/2024	Date Sampled:	9/3/2024
Temperature:		Pressure:	
Formation:		Depth:	
Location:	Section: Twp:	Rng:	County:
Distribution:	Distribution List		

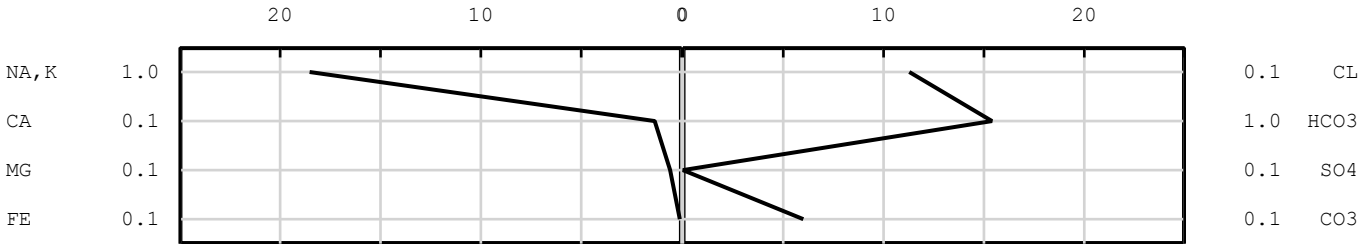
Resistivity @ 77 °F	5.464 Ohm-Meters		pH	8.31
Specific Gravity @ 77 °F	1.000		H_2S	Negative
Total Dissolved Solids (Calculated)	1433 mg/L	1433 ppm		
Sodium Chloride (Calculated)	66 mg/L	66 ppm		

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	0.1	3	CHLORIDE	1.1	40
MAGNESIUM	0.1	1	CARBONATE	0.6	18
SODIUM	18.5	426	BICARBONATE	15.4	940
IRON	0.0	0.2	SULFATE	0.0	0
CHROMIUM	0.0	0.0	NITRATE	0.0	0
BARIUM	0.0	1.0			
POTASSIUM	0.1	4			
STRONTIUM	0.0	0.1			
ZINC	0.0	0.0			

ADDITIONAL ANALYSIS

Total Iron	1.19 mg/l	Total Manganese	0.10 mg/l
Conductivity	1830 µmhos/cm		

WATER ANALYSIS PATTERN



Remarks:

Analyzed By: L. Covarrubias

ASTRO-CHEM LAB, INC.

4102 2nd Ave. W. Williston, North Dakota 58802-0972 P.O. Box 972
Phone: (701) 572-7355

SCALING INDEX

Sample Number:	24-03145	Date of Analysis:	9/4/2024
Company:	White Rock Oil & Gas		
City:	Plano	State:	TX
Well Number:	Candee 1 WSW		
Sample Source:		Sampled By:	Trevor Vannatta
Date Received:	9/4/2024	Date Sampled:	9/3/2024
Temperature:		Pressure:	
Formation:		Depth:	
Location:	Section:	Twp:	Rng: County:
Distribution:	Distribution List		

	KSP	Sat. Index	mg/L PPT
BaSO4	0.0000000004	0.390	0.00
SrSO4	0.0000017494	0.590	0.00
CaSO4	0.0002852253	1.300	0.00
CaCO3	0.0000006886	0.100	3.04

Ionic Strength	0.018 (Molal)	Ionic Strength	0.018 (Molar)
Index Calculated At	70 deg F	And	50 PSI

	KSP	Sat. Index	mg/L PPT
BaSO4	0.0000000004	0.390	0.00
SrSO4	0.0000004622	0.010	0.00
CaSO4	0.0002852253	1.300	0.00
CaCO3	0.0000000186	1.670	7.44

Ionic Strength	0.018 (Molal)	Ionic Strength	0.018 (Molar)
Index Calculated At	250 deg F	And	5000 PSI