Wasserhund Inc.
P.O. Box 2140
575-396-0522
FAX 575-396-0797
Lovington, New Mexico 88260

Addendum #1 Corrected Brine Cumulative Total and re-calculated D/h. Request from Carl Chavez-OCD

ANNUAL CLASS III WELL REPORT FOR 2023

Wasserhund Inc.

Buckeye Brine Station

OCD Permit BW-04

API No. 30-025-26883 Eidson #1

Unit Letter M-Section 31-Ts 16s – R35e

Mr. Jon Gandy Jon Gandy Date: 5/22/2024

Re-submitted by Price LLC 7-1-2024

Jr Price

Wasserhund Inc.
P.O. Box 2140
575-396-0522
FAX 575-396-0797
Lovington, New Mexico 88260

ANNUAL CLASS III WELL REPORT FOR 2023

Wasserhund Inc.

Buckeye Brine Station

OCD Permit BW-04

API No. 30-025-26883 Eidson #1

Unit Letter M-Section 31-Ts 16s – R35e

Mr. Jon Gandy _____ Date:_____

Summary of Operations: The Wasserhund brine well BW-04 continues to produce quality brine for drilling operations in the area, but at reduced total production, possibly to recent competition, and or reduced drilling in the immediate area.

Production Volumes and Ratio. Injection production/ comparison chart of injected water to produced water attached herein. Ratio of FW/BW is within permit requirements of 90%-110% as required in permit condition 2B.2.b.

Discrepancy Notice: *Permit condition 2B.2.b is the correct condition for brine wells in New Mexico and Wasserhund has generally always met these conditions.*

Permit condition 3.F of the latest permit issued conflicts with permit condition 2.B.2.b and appears to be improperly written. This condition requires that the Fresh Water always be 10% more than the Brine Water production, nor greater than 20%.

This can place Wasserhund and other brine well operators in a continued non-compliance situation. We have noted this in the past and assume OCD agrees, as no compliance actions have been taken to-date.

Wasserhund once again, respectfully request OCD acknowledges and addresses this issue.

Wasserhund has installed new dedicated, calibrated meters for both fresh and brine production.

Injection Pressure Data*:* 260-280 psig Pressure limit of 315 # is set for this well when operating in the open-hole configuration. This limit protects the formation from premature fracturing during normal operations and testing.

Chemical Analysis: Attached.

Mechanical Integrity: A casing test was conducted in March of 2022. Chart is located in the OCD file.

Deviations from Normal Production Methods: Normal Flow per OCD.

Leak and Spill Reports: None in 2023.

Area of Review Update Summary: Permit condition 3G. "AREA OF REVIEW (AOR): The Permittee shall report within 72 hours of discovery any new wells, conduits, or any other device that penetrates or may penetrate the injection zone within a 1-mile radius from its Class III well. OCD shall be notified within 24 hours of having knowledge of any wells lacking cement within the cavern interval within a 1⁄2-mile radius from the Class III well.

Special Note: Past annual reports included a method to prioritize wells that may with a higher probability of becoming an issue and was label Critical AOR. This also included any wells existing or new within a ¼ mile AOR. As the brine well grew, then every year a new "Critical" AOR was determined and any well that fell into that category was investigated.

Pursuant to the most recent permit conditions, only set distance parameters are listed. The permit calls for notifying OCD within 72 hours of discovery of any new well that penetrates the injection zone within one mile AOR and reported to OCD. This is an impossible task as Wasserhund INC would have to check every seventy-two hours on the AOR. ***We do not believe this was OCD's intent, and therefore request an exception to this condition. However, we have downloaded all wells within a One Mile AOR for future reference. See attaachments.***

Wasserhund's consultant Price LLC made a cursory review within ½ mile radius of the BW-04 Brine Well located in M-36-16s-35e (map attached) and reviewed each well that was present in the OCD file.

There are four wells in the ½ mile AOR and are as follows:

1. API # 30-025-31621. UL L-31-16s-35e. Operator BTA.
2. API # 30-025-25146. UL P-36-16s-34E. Operator Redwood Operating – was Lime Rock Resources, No Change of operator found in file. (P&A)
3. API# 30-025-35678. UL A (L1)- 1-17s-34e. Operator Unitex Oil & Gas LLC.
4. API # 30-025-25170. UL O-36-16s-34E. Operator Unitex Oil & Gas LLC

Conclusion:

The first three wells listed above (1-3), has had no changes since 2019, except possible listing a new operator. No corrective action is recommended at this time.

The well listed above as #4, appears to have originally been completed without cement behind the casing that penetrates the injection zone, i.e. salt zone. Price LLC could not determine precisely if this well is still completed this way.

The well record appears to indicate OCD has ran a Bradenhead survey every year for this well. It also appears this well has been TA'd for sometime.

Wasserhund Inc has had no indication of any issue arising from this well.

Subsidence/Cavern Volumes/Geometric Measurements

SOLUTION CAVERN MONITORING PROGRAM: No monitors at site for the year 2023, received an extension due to COVID-19. Wasserhund Inc, has installed subsidence monitors in the first quarter of 2024. The full report will be included in the 2024 annual report.

Solution Cavern Characterization Plan:

Since the BW-04 well never had any logs run, a well log was obtained from a nearby well and annotated to reflect the geophysical characterization of the area lithology. In addition a well bore schematic is included for reference and a mass balance was

calculated for the 2023 year.

The Solution Cavern Characterization Plan is defined by using the cone method ("Worst Case") to determine the maximum cavern diameter and calculating a volume of the cavern. A mass balance calculation is performed to verify the approximate cavern volumetric size from actual measured volumes of brine produced over the life of the well.

The two are then compared to determine if the volumes are within the OCD allowed variance of 10% variance. The 2023 results are within the limit. See attachments.

The plan also includes the critical d/h calculation, which is .158 for the 2023-year report, which is well under the limit of .50.

Special Note: New permit conditions now require that the fresh water be injected down the tubing (Normal Flow) in order to prevent cavern enlargement at the top of the cavern. Currently there is no method or model developed to allow for the actual reduction in cavern-enlargement at the top of the cavern. Therefore, the cavern top radius is actually less than what is calculated. This provides an additional safety factor for cavern collapse issues.

Summary of Activities: Normal operations with substantial reduced sales.

Annual Certification: By signing the cover sheet the operator hereby certifies this condition of the permit.

Groundwater Monitoring: Currently have a fresh water supply well in close proximity to brine well. The water from this well has been tested and no significant issues have been noted.

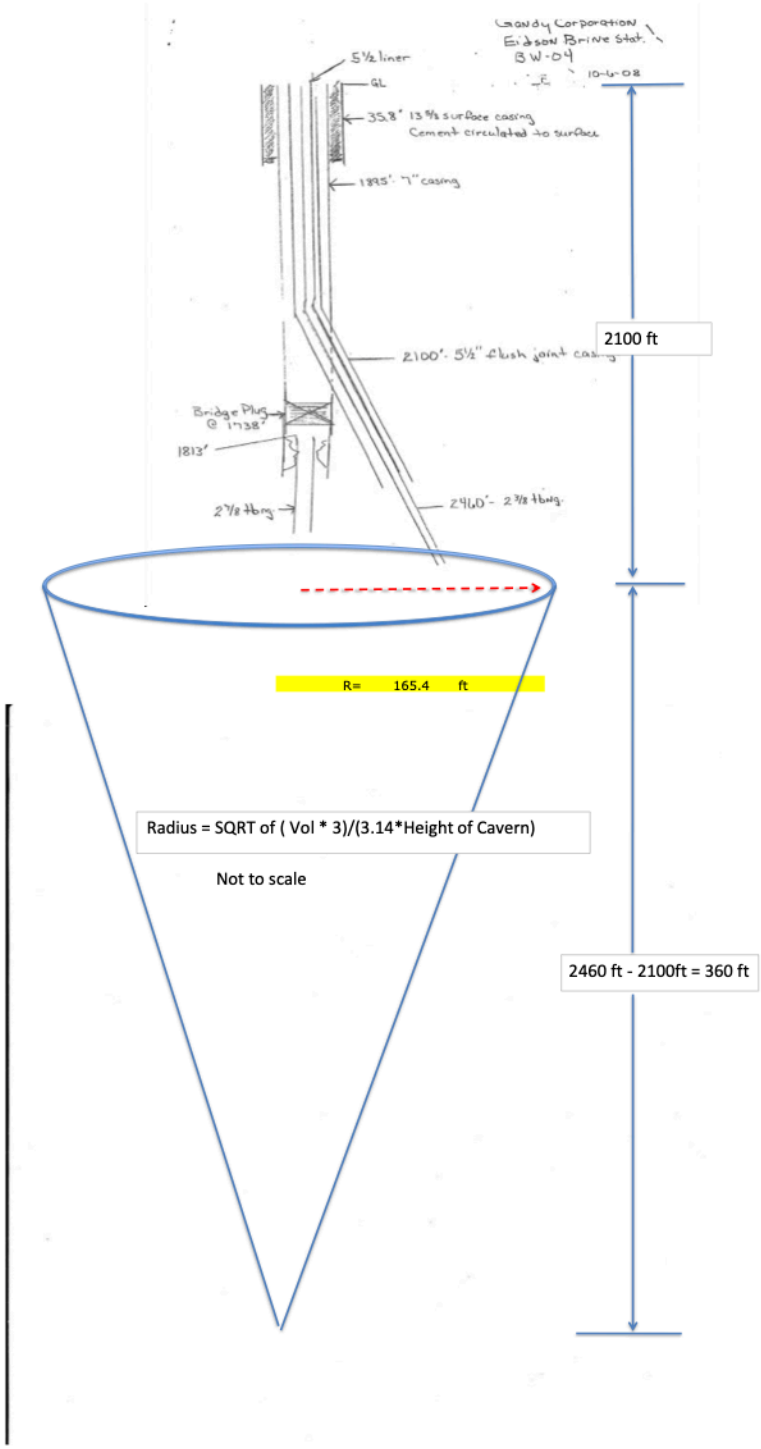
Special Note: A new groundwater monitor well was installed in the first quarter of 2024. A full report will be included in the 2024 annual report.

Annual Reporting: Filed in new OCD electronic system. OCD has informed Wasserhund that paper copies are generally not accepted any more.

Attachments:

1. **Annual/Total Production Data & Comparison Chart.** **Corrected 7-1-24**
2. **2023 Cone Radius/Diameter Calculation.** **Corrected 7-1-24**
3. **Mass Balance Calculation-compare cone model to actual production volume.**
4. **Well Bore Diagram with Formation Tops.**
5. **1/4 mile AOR.**
6. **Wells listed within one mile of brine well.**
7. **Analytical results for Fresh/Brine water.**

	Wasserhund Inc		OGRID # 8426	API#- 30-025-26883			BW-04			
		Lat	N 32.8731							
		Lon	W -103.5051							
		Legal	M-31-16s-35e							
		Footage	567 FSL	162 FWL						
	2023	**Wasserhund Inc OCD BW-04 Annual Production Data & Comparision Chart**								
							Permit condition 2B.2.b 90%-110%			
			Fresh IN		Brine Out		Ratio FW/BW			
	Jan		17990		17952		100.21%			
	Feb		22053		22000		100.24%			
	Mar		14389		14352		100.26%			
	Apr		8878.2		8747.7		101.49%			
	May		16336.38		16092.5		101.52%			
	Jun		22115.83		21789.3		101.50%			
	Jul		17913.096		16586.2		108.00%			
	Aug		8896.096		8236.2		108.01%			
	Sept		4058.88		3786		107.21%			
	Oct		16772.9		15388		109.00%			
	Nov		16167.97		14833		109.00%			
	Dec		6785.03		6225		109.00%			
	Total		172,356		165,988		103.84%	FW/BW		
	Total Fresh Water and Brine Production Carry Over from Years	2022	10,196,298	bbls***	10,143,420	bbls	100.52%	FW/BW		
					Corrected 7-1-24 per Carl Chavex OCD					
	Total Life Time Production Year Ending	2023	10,368,654	bbls	10,309,408	bbls	100.57%	FW/BW		



2023 Calculations

corrected July 1-24

r=SqRtv(V*3/π*D)

V	Volume	=	10,309,408	bbls
D	Depth	=	360	ft
H	Height	=	2100	ft
Kf	ft3 salt/bbl		1	est
	r	=	165.4	ft
	Diameter		330.82	ft
	D/H=		0.158	

Attachment #3. Mass Balance

2023

BW-04 Mass Balance

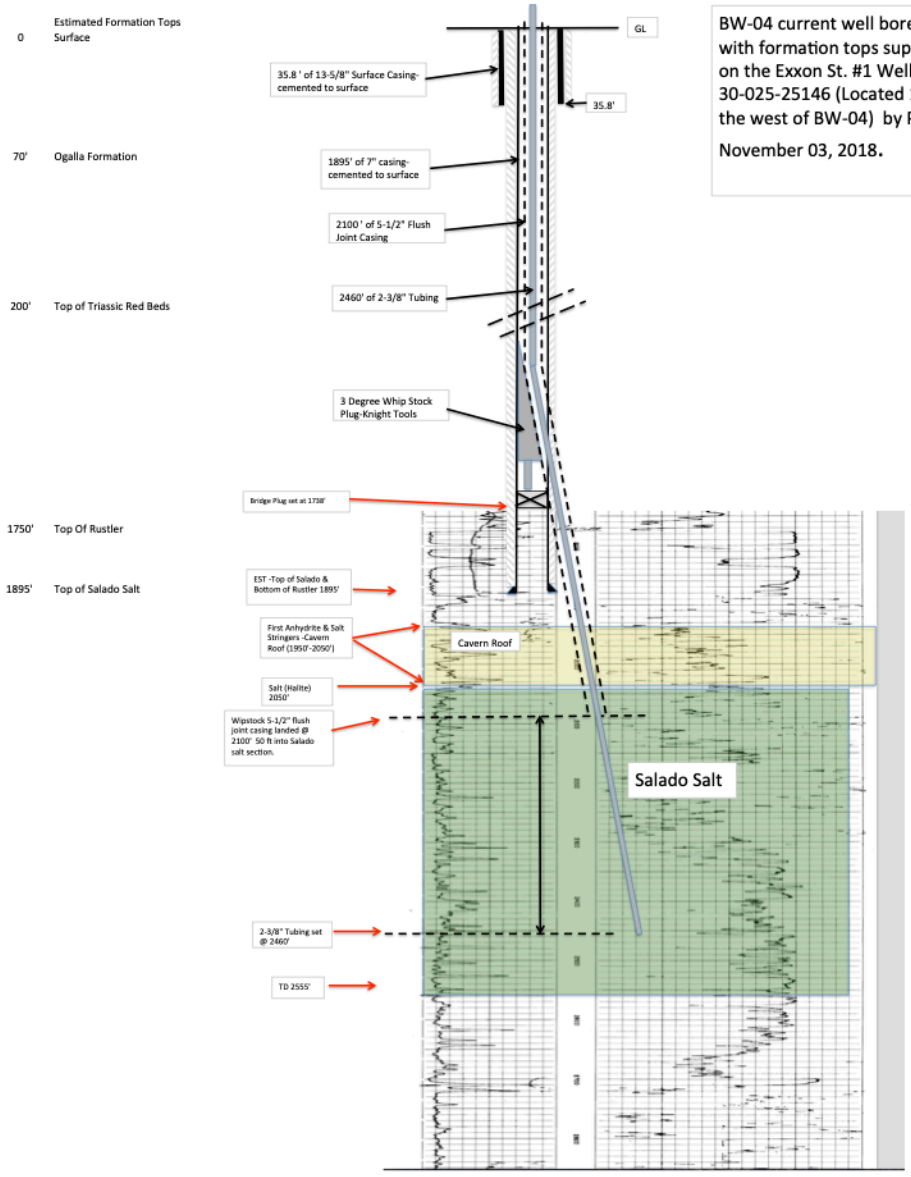
Measured Salt Removed vs Calculated Salt Removed

Independent Inputs

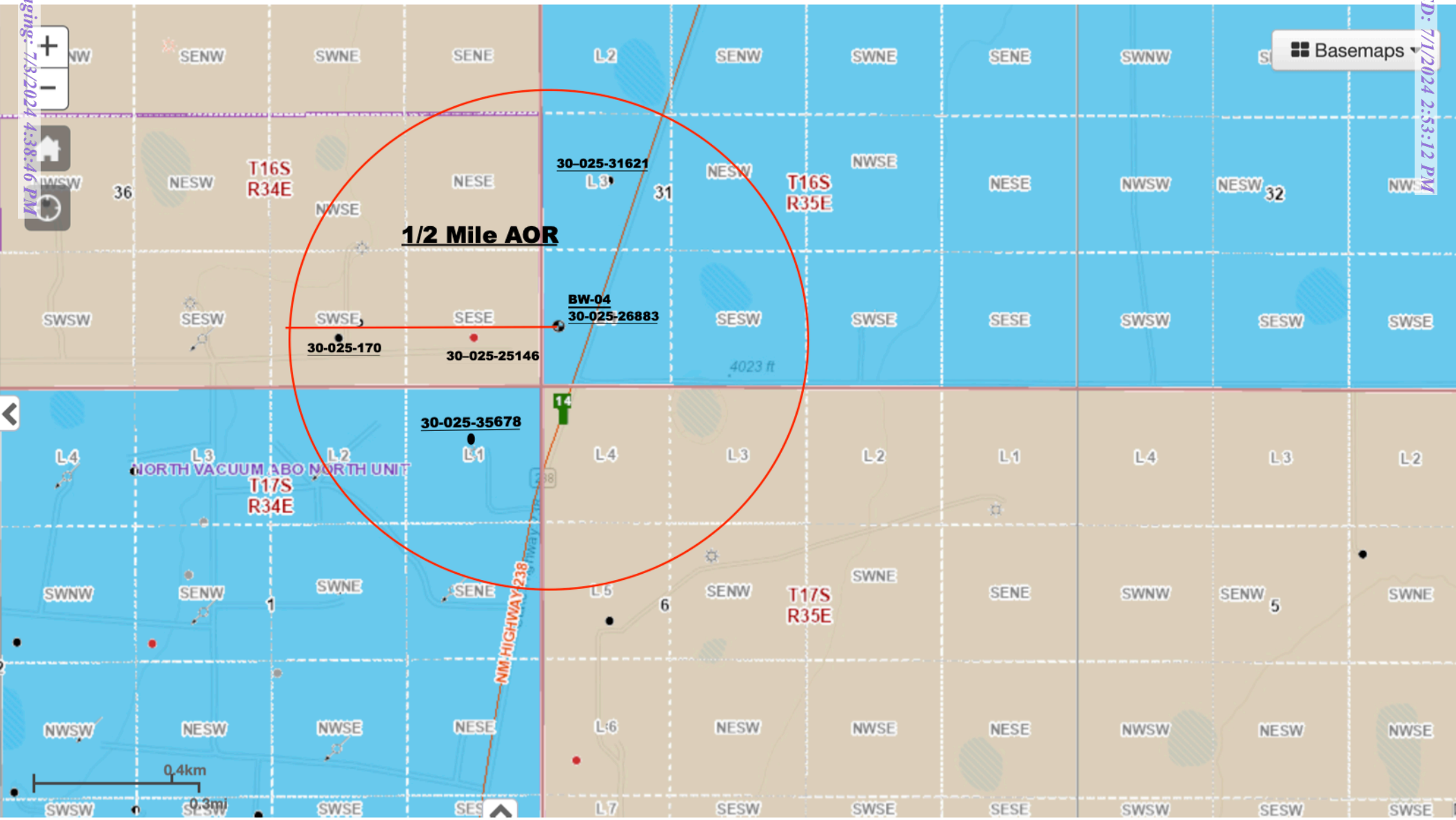
Formulas Dependent Variables

Year End Total Production Volume	10,309,108	BBls	Independent variable
Average Density #/gal produced water measured	9.8	lbs/gal	Independent variable — Seven year Average
Average Salt Density-Est	80	lbs/ft3	Independent variable — Used OCD number for salt density
FT3/bbl	7.35	ft3/bbl	Independent variable
LBs of salt per gal	1.466	Lbs/gal	Dependent Variable
LBs of Salt per BBL	80.63	Lbs/bbl	Dependent Variable
Total LBs of Salt Removed	831,223,378	LBS	Dependent Variable
Ft3 of salt removed	10,390,292	Ft3	Estimated Cavern Size calculated from Production Numbers
Geo-Physical Worst Case Cone Calculation			
V= ∏R2h / 3			
Radius — Radius	165.4	ft	Dependent Variable
Height from Log	360	ft	Independent Variable
Volume of Worst Case Cone	10,308,178	Ft3	Calculated using "Worst Case Cone"
	1%	Within 10 % Passes	" Plus % = Means Cone Calulation is less than measured salt removed
			" Neg % = Means Cone Calculaton is more than measured salt remove

Attachment #4. Well bore diagram with Tops



Attachment #5. 1/2 mile AOR



Attachment #6

OCD Record as of May 15, 2024

One Mile AOR

API Number	Well Name	Operator	Location	County
30-025-26883	EIDSON STATE #001	WASSERHUND INC	M-31-16S-35E	25
30-025-31621	VACUUM 9205 JV-P #001H	BTA OIL PRODUCERS, LLC	L-31-16S-35E	25
30-025-32958	VACUUM 31 #001	FAE II Operating LLC	O-31-16S-35E	25

OCD record as of May 15, 2024

API Number	Well Name	Operator	Location	County
30-025-24594	NORTH VACUUM ABO NORTH UNIT #001	Unitex Oil & Gas, L.L.C.	N-36-16S-34E	25
30-025-24648	NORTH VACUUM ABO NORTH UNIT #162	Unitex Oil & Gas, L.L.C.	L-36-16S-34E	25
30-025-25146	NORTH VACUUM ABO NORTH UNIT #001	Redwood Operating LLC	P-36-16S-34E	25
30-025-25170	NORTH VACUUM ABO NORTH UNIT #002	Unitex Oil & Gas, L.L.C.	O-36-16S-34E	25
30-025-33184	EUREKA 36 STATE #001	SPECIAL ENERGY CORP	F-36-16S-34E	25
30-025-34356	NORTH VACUUM ABO NORTH UNIT #163H	Unitex Oil & Gas, L.L.C.	M-36-16S-34E	25
30-025-36389	EUREKA 36 STATE #002	SPECIAL ENERGY CORP	N-36-16S-34E	25
30-025-37018	NORTH VACUUM ABO NORTH UNIT #123H	Unitex Oil & Gas, L.L.C.	O-36-16S-34E	25
30-025-37993	ENCORE 36 STATE #001	BREITBURN OPERATING LP	J-36-16S-34E	25
30-025-39149	ENCORE 36 STATE #002A	QUANTUM RESOURCES MANAGEMENT, LLC	A-36-16S-34E	25

OCD record as of May 15, 2024

API Number	Well Name	Operator	Location	County
30-025-02814	PRE-ONGARD WELL #001	PRE-ONGARD WELL OPERATOR	L-6-17S-35E	25
30-025-25032	STATE SECTION 6 #001	SOUTHWEST ROYALTIES INC	N-6-17S-35E	25
30-025-25282	STATE K 6119 COM #001	SOUTHWEST ROYALTIES INC	L-6-17S-35E	25
30-025-35513	KAGEBRUSH #001	SAGE ENERGY CO	F-6-17S-35E	25
30-025-36166	SAGEBRUSH #001H	Unitex Oil & Gas, L.L.C.	E-6-17S-35E	25
30-025-36358	STATE SECTION 6 #002	SOUTHWEST ROYALTIES INC	J-6-17S-35E	25
30-025-38000	ENCORE 6 STATE COM #001	BREITBURN OPERATING LP	F-6-17S-35E	25
30-025-38368	ENCORE 6 STATE COM #002	BREITBURN OPERATING LP	A-6-17S-35E	25

OCD record as of May 15, 2024 pg 1 of 2

Well File Search Results: 28 Records Found

Please select the API Number you wish to view from the list below.

API Number	Well Name	Operator	Location	County
30-025-01948	PRE-ONGARD WELL #001	PRE-ONGARD WELL OPERATOR	M-1-17S-34E	25
30-025-01949	PRE-ONGARD WELL #002	PRE-ONGARD WELL OPERATOR	N-1-17S-34E	25
30-025-01950	PRE-ONGARD WELL #001	PRE-ONGARD WELL OPERATOR	P-1-17S-34E	25
30-025-23945	NORTH VACUUM ABO NORTH UNIT #001	Unitex Oil & Gas, L.L.C.	N-1-17S-34E	25
30-025-24176	NORTH VACUUM ABO NORTH UNIT #001	Unitex Oil & Gas, L.L.C.	J-1-17S-34E	25
30-025-24302	NORTH VACUUM ABO NORTH UNIT #001	Unitex Oil & Gas, L.L.C.	L-1-17S-34E	25
30-025-24341	NORTH VACUUM ABO NORTH UNIT #001	Unitex Oil & Gas, L.L.C.	P-1-17S-34E	25
30-025-24487	NORTH VACUUM ABO NORTH UNIT #001	Unitex Oil & Gas, L.L.C.	F-1-17S-34E	25
30-025-24631	NORTH VACUUM ABO NORTH UNIT #001H	Unitex Oil & Gas, L.L.C.	B-1-17S-34E	25
30-025-24645	NORTH VACUUM ABO NORTH UNIT #002	Unitex Oil & Gas, L.L.C.	H-1-17S-34E	25
30-025-25059	NORTH VACUUM ABO NORTH UNIT #001	Unitex Oil & Gas, L.L.C.	D-1-17S-34E	25
30-025-25206	NORTH VACUUM ABO NORTH UNIT #002	Unitex Oil & Gas, L.L.C.	E-1-17S-34E	25
30-025-27953	STATE VI #001	CHESAPEAKE OPERATING, INC.	P-1-17S-34E	25
30-025-29037	PRE-ONGARD WELL #001	PRE-ONGARD WELL OPERATOR	C-1-17S-34E	25
30-025-31341	NORTH VACUUM ABO NORTH UNIT #002	Unitex Oil & Gas, L.L.C.	O-1-17S-34E	25
30-025-31342	NORTH VACUUM ABO NORTH UNIT #002	Unitex Oil & Gas, L.L.C.	M-1-17S-34E	25
30-025-32243	NORTH VACUUM ABO NORTH UNIT #002	Unitex Oil & Gas, L.L.C.	K-1-17S-34E	25
30-025-32244	NORTH VACUUM ABO NORTH UNIT #002	Unitex Oil & Gas, L.L.C.	I-1-17S-34E	25
30-025-32721	NORTH VACUUM ABO NORTH UNIT #073	Unitex Oil & Gas, L.L.C.	G-1-17S-34E	25
30-025-35678	NORTH VACUUM ABO NORTH UNIT #062	Unitex Oil & Gas, L.L.C.	A-1-17S-34E	25
30-025-36333	BUCKEYE 1 STATE #001	FASKEN OIL & RANCH LTD	D-1-17S-34E	25
30-025-36889	BUCKEYE 1 STATE #002C	FASKEN OIL & RANCH LTD	F-1-17S-34E	25
30-025-39295	NORTH VACUUM ABO NORTH UNIT #023	Unitex Oil & Gas, L.L.C.	N-1-17S-34E	25
30-025-39524	NORTH VACUUM ABO NORTH UNIT #024	Unitex Oil & Gas, L.L.C.	M-1-17S-34E	25
30-025-39662	NORTH VACUUM ABO NORTH UNIT #012	Redwood Operating LLC	F-1-17S-34E	25

OCD record as of May 15, 2024 pg 2 of 2

Please select the API Number you wish to view from the list below.

API Number	Well Name	Operator	Location	County
30-025-39663	NORTH VACUUM ABO NORTH UNIT #033	SHERIDAN PRODUCTION COMPANY, LLC	J-1-17S-34E	25
30-025-39664	NORTH VACUUM ABO NORTH UNIT #044	Unitex Oil & Gas, L.L.C.	L-1-17S-34E	25
30-025-39665	NORTH VACUUM ABO NORTH UNIT #113	Unitex Oil & Gas, L.L.C.	E-1-17S-34E	25

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 17, 2023

WAYNE PRICE

WASSERHUND INC.

P.O. BOX 2140

LOVINGTON, NM 88260

RE: EIDSON BRINE STATION

Enclosed are the results of analyses for samples received by the laboratory on 08/10/23 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

WASSERHUND INC. P.O. BOX 2140 LOVINGTON NM, 88260	Project: EIDSON BRINE STATION Project Number: QUARTERLY Project Manager: WAYNE PRICE Fax To:	Reported: 17-Aug-23 12:45

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FRESH WATER	H234288-01	Water	10-Aug-23 08:30	10-Aug-23 10:40
BRINE WATER	H234288-02	Water	10-Aug-23 08:30	10-Aug-23 10:40

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

WASSERHUND INC. P.O. BOX 2140 LOVINGTON NM, 88260	Project: EIDSON BRINE STATION Project Number: QUARTERLY Project Manager: WAYNE PRICE Fax To:	Reported: 17-Aug-23 12:45

FRESH WATER

H234288-01 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride*	**76.0**		4.00	mg/L	1	3080941	AC	10-Aug-23	4500-Cl-B	
pH*	**7.60**		0.100	pH Units	1	3081034	AC	10-Aug-23	150.1	
Temperature °C	**19.8**			pH Units	1	3081034	AC	10-Aug-23	150.1	
Specific Gravity @ 60° F	**0.9952**		0.000	[blank]	1	3081043	AC	10-Aug-23	SM 2710F	
TDS*	**390**		5.00	mg/L	1	3080724	AC	15-Aug-23	160.1	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

WASSERHUND INC. P.O. BOX 2140 LOVINGTON NM, 88260	Project: EIDSON BRINE STATION Project Number: QUARTERLY Project Manager: WAYNE PRICE Fax To:	Reported: 17-Aug-23 12:45

BRINE WATER

H234288-02 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride*	**210000**		4.00	mg/L	1	3080941	AC	10-Aug-23	4500-Cl-B	
pH*	**6.75**		0.100	pH Units	1	3081034	AC	10-Aug-23	150.1	
Temperature °C	**22.2**			pH Units	1	3081034	AC	10-Aug-23	150.1	
Specific Gravity @ 60° F	**1.194**		0.000	[blank]	1	3081043	AC	10-Aug-23	SM 2710F	
TDS*	**333000**		5.00	mg/L	1	3080724	AC	15-Aug-23	160.1	
Green Analytical Laboratories										
Total Recoverable Metals by ICP (E200.7)										
Sodium*	**110000**		500	mg/L	500	B232381	AES	16-Aug-23	EPA200.7	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

WASSERHUND INC. P.O. BOX 2140 LOVINGTON NM, 88260	Project: EIDSON BRINE STATION Project Number: QUARTERLY Project Manager: WAYNE PRICE Fax To:	Reported: 17-Aug-23 12:45

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080724 - Filtration										
Blank (3080724-BLK1)				Prepared: 09-Aug-23 Analyzed: 15-Aug-23						
TDS	ND	5.00	mg/L							
LCS (3080724-BS1)				Prepared: 09-Aug-23 Analyzed: 15-Aug-23						
TDS	816		mg/L	1000		81.6	80-120			
Duplicate (3080724-DUP1)		**Source: H234129-02**		Prepared: 09-Aug-23 Analyzed: 15-Aug-23						
TDS	967	5.00	mg/L		854			12.4	20	
Batch 3080941 - General Prep - Wet Chem										
Blank (3080941-BLK1)				Prepared: 09-Aug-23 Analyzed: 10-Aug-23						
Chloride	ND	4.00	mg/L							
LCS (3080941-BS1)				Prepared: 09-Aug-23 Analyzed: 10-Aug-23						
Chloride	100	4.00	mg/L	100		100	80-120			
LCS Dup (3080941-BSD1)				Prepared: 09-Aug-23 Analyzed: 10-Aug-23						
Chloride	100	4.00	mg/L	100		100	80-120	0.00	20	
Batch 3081034 - General Prep - Wet Chem										
LCS (3081034-BS1)				Prepared & Analyzed: 10-Aug-23						
pH	7.15		pH Units	7.00		102	90-110			
Duplicate (3081034-DUP1)		**Source: H234286-01**		Prepared & Analyzed: 10-Aug-23						
pH	8.03	0.100	pH Units		8.00			0.374	20	
Temperature °C	19.8		pH Units		19.7			0.506	200	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

WASSERHUND INC. P.O. BOX 2140 LOVINGTON NM, 88260	Project: EIDSON BRINE STATION Project Number: QUARTERLY Project Manager: WAYNE PRICE Fax To:	Reported: 17-Aug-23 12:45

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3081043 - General Prep - Wet Chem										
Duplicate (3081043-DUP1)		**Source: H234288-01**		Prepared & Analyzed: 10-Aug-23						
Specific Gravity @ 60° F	0.9957	0.000	[blank]		0.9952			0.0472	20	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

WASSERHUND INC. P.O. BOX 2140 LOVINGTON NM, 88260	Project: EIDSON BRINE STATION Project Number: QUARTERLY Project Manager: WAYNE PRICE Fax To:	Reported: 17-Aug-23 12:45

Total Recoverable Metals by ICP (E200.7) - Quality Control

Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B232381 - Total Recoverable by ICP										
Blank (B232381-BLK1)				Prepared: 15-Aug-23 Analyzed: 16-Aug-23						
Sodium	ND	1.00	mg/L							
LCS (B232381-BS1)				Prepared: 15-Aug-23 Analyzed: 16-Aug-23						
Sodium	1.42	1.00	mg/L	1.62		87.9	85-115			
LCS Dup (B232381-BSD1)				Prepared: 15-Aug-23 Analyzed: 16-Aug-23						
Sodium	1.42	1.00	mg/L	1.62		87.8	85-115	0.0806	20	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Wasserhund Inc.
Project Manager:	Wayne Price
Address:	P.O. Box 2073.
City:	Lovington
State:	NM
Zip:	88260
Phone #:	575 369-9909
Fax #:	
Project #:	Quarterly
Project Owner:	Jon Gandy
Project Name:	
Project Location:	Eidson Brine Station
Sampler Name:	Jon Gandy

BILL TO

P.O. #:	
Company:	Wasserhund
Attn:	Jon Gandy
Address:	P.O. Box 2073
City:	Lovington
State:	NM
Zip:	88260
Phone #:	575 369-9909
Fax #:	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER: Brine	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Cl	pH	Spec Grav	TDS	Sodium							
H234288																									
1	Freshwater	G	2	✓									8-10-23	0830	/	/	/	/							
2	Brine water	G	1						✓				⊥	0830	/	/	/	/	/						

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 8-10-23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 10:40		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: jonrgandy@aol.com
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 28.7	Sample Condition Cool ☐ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush ☑
Sampler - UPS - Bus - Other:	Corrected Temp. °C			Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Lester Wayne Price Sr.
Wayne Price LLC
7 Sycamore Lane
Glenwood, New Mexico 88039

Generated 4/17/2024 1:58:33 PM Revision 1

JOB DESCRIPTION

Semi Annual Sampling

JOB NUMBER

885-913-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
4/17/2024 1:58:33 PM
Revision 1

Authorized for release by
Tiffany Shaw, Project Manager I
tiffany.shaw@et.eurofinsus.com
(505)345-3975

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Laboratory Job ID: 885-913-1

Table of Contents

Definitions/Glossary

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Wayne Price LLC
Project: Semi Annual Sampling

Job ID: 885-913-1

Job ID: 885-913-1 Eurofins Albuquerque

Job Narrative
885-913-1

REVISION

The report being provided is a revision of the original report sent on 4/11/2024. The report (revision 1) is being revised due to The client believes the Specific Gravity samples were switched at analysis..

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/8/2024 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Receipt Exceptions
Samples were incorrectly labeled at login, bottles switched. Labels corrected 3/22/24

Fresh (885-913-1) and Brine (885-913-2)

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method SM4500_H+: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: Fresh (885-913-1) and Brine (885-913-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

Client Sample ID: Fresh

Date Collected: 03/07/24 14:05
Date Received: 03/08/24 09:15

Lab Sample ID: 885-913-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55		10		mg/L			03/13/24 21:08	20

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	380		50		mg/L			03/12/24 15:53	1
Specific Gravity (SM 2710F)	1.0				NONE			03/22/24 14:20	1
pH (SM 4500 H+ B)	8.1	HF	0.1		SU			03/16/24 14:29	1

Client Sample Results

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

Client Sample ID: Brine
Date Collected: 03/07/24 14:10
Date Received: 03/08/24 09:15

Lab Sample ID: 885-913-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200000		10000		mg/L			03/20/24 10:46	20000

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	110000		20000		mg/L		03/14/24 10:27	03/22/24 17:58	20000

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	340000		5000		mg/L			03/12/24 15:53	1
Specific Gravity (SM 2710F)	1.2				NONE			03/22/24 14:20	1
pH (SM 4500 H+ B)	6.8	HF	0.1		SU			03/16/24 14:25	1

QC Sample Results

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-1695/4
Matrix: Water
Analysis Batch: 1695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			03/13/24 16:52	1

Lab Sample ID: LCS 885-1695/5
Matrix: Water
Analysis Batch: 1695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.84		mg/L		97	90 - 110		

Lab Sample ID: MRL 885-1695/3
Matrix: Water
Analysis Batch: 1695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.536		mg/L		107	50 - 150		

Lab Sample ID: MB 885-2064/5
Matrix: Water
Analysis Batch: 2064

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			03/20/24 09:57	1

Lab Sample ID: LCS 885-2064/6
Matrix: Water
Analysis Batch: 2064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.92		mg/L		98	90 - 110		

Lab Sample ID: MRL 885-2064/4
Matrix: Water
Analysis Batch: 2064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.539		mg/L		108	50 - 150		

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 885-1689/1-A
Matrix: Water
Analysis Batch: 2063

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1689

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0		mg/L		03/14/24 10:27	03/19/24 13:21	1

QC Sample Results

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 885-1689/3-A
Matrix: Water
Analysis Batch: 2063

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	50.0	48.4		mg/L		97	85 - 115

Lab Sample ID: LLCS 885-1689/2-A
Matrix: Water
Analysis Batch: 2063

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1689

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	0.500	0.488	J	mg/L		98	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-1612/1
Matrix: Water
Analysis Batch: 1612

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			03/12/24 15:53	1

Lab Sample ID: LCS 885-1612/2
Matrix: Water
Analysis Batch: 1612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	993		mg/L		99	80 - 120

Method: SM 2710F - Specific Gravity

Lab Sample ID: MB 885-2180/1
Matrix: Water
Analysis Batch: 2180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	0.999			NONE			03/22/24 14:20	1

QC Association Summary

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

HPLC/IC

Analysis Batch: 1695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-913-1	Fresh	Total/NA	Water	300.0	
MB 885-1695/4	Method Blank	Total/NA	Water	300.0	
LCS 885-1695/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-1695/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 2064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-913-2	Brine	Total/NA	Water	300.0	
MB 885-2064/5	Method Blank	Total/NA	Water	300.0	
LCS 885-2064/6	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-2064/4	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 1689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-913-2	Brine	Total Recoverable	Water	200.2	
MB 885-1689/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-1689/3-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-1689/2-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 2063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-1689/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	1689
LCS 885-1689/3-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	1689
LLCS 885-1689/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	1689

Analysis Batch: 2244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-913-2	Brine	Total Recoverable	Water	200.7 Rev 4.4	1689

General Chemistry

Analysis Batch: 1612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-913-1	Fresh	Total/NA	Water	2540C	
885-913-2	Brine	Total/NA	Water	2540C	
MB 885-1612/1	Method Blank	Total/NA	Water	2540C	
LCS 885-1612/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 1860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-913-1	Fresh	Total/NA	Water	SM 4500 H+ B	
885-913-2	Brine	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 2180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-913-1	Fresh	Total/NA	Water	SM 2710F	
885-913-2	Brine	Total/NA	Water	SM 2710F	
MB 885-2180/1	Method Blank	Total/NA	Water	SM 2710F	

Lab Chronicle

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

Client Sample ID: Fresh
Date Collected: 03/07/24 14:05
Date Received: 03/08/24 09:15

Lab Sample ID: 885-913-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	1695	RC	EET ALB	03/13/24 21:08
Total/NA	Analysis	2540C		1	1612	KS	EET ALB	03/12/24 15:53
Total/NA	Analysis	SM 2710F		1	2180	RC	EET ALB	03/22/24 14:20
Total/NA	Analysis	SM 4500 H+ B		1	1860	DL	EET ALB	03/16/24 14:29

Client Sample ID: Brine
Date Collected: 03/07/24 14:10
Date Received: 03/08/24 09:15

Lab Sample ID: 885-913-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20000	2064	RC	EET ALB	03/20/24 10:46
Total Recoverable	Prep	200.2			1689	JN	EET ALB	03/14/24 10:27
Total Recoverable	Analysis	200.7 Rev 4.4		20000	2244	JR	EET ALB	03/22/24 17:58
Total/NA	Analysis	2540C		1	1612	KS	EET ALB	03/12/24 15:53
Total/NA	Analysis	SM 2710F		1	2180	RC	EET ALB	03/22/24 14:20
Total/NA	Analysis	SM 4500 H+ B		1	1860	DL	EET ALB	03/16/24 14:25

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Wayne Price LLC
Project/Site: Semi Annual Sampling

Job ID: 885-913-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.2	Water	Sodium
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
SM 2710F		Water	Specific Gravity
SM 4500 H+ B		Water	pH

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2710F		Water	Specific Gravity

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Client: Wasserhund Inc.

Mailing Address: Price LLC 7 Sycamore Ln, Malenwood NM 88039

Phone #: 575-715-2809

email or Fax#: waynepriceg.com@gmail.com

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other ____

☐ EDD (Type) ____

Turn-Around Time: ☒ Standard ☐ Rush ____

Project Name: Sand Grand Sampling

Project #: BW04 March

Project Manager: Lester Wayne Price Sr

Sampler: Lester Wayne Price Sr

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Yogi

Cooler Temp (including CF): 1.4 ± 0 = 1.4 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Ph, Alk, TDS, Chloride	Ph, Alk, TDS, Chloride, Sodium				
3/7/24	[illegible]	Liquid	FRESH	500 ml Plastic	Ice	885-913 COC											X					
3/7/24	[illegible]	Liquid	BRINE	500 ml Plastic	Ice													X				
3/7/24	[illegible]	Liquid	BRINE	250 ml Plastic	Ice HNO3													X				

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3/7/24	4:15 PM	Lester Wayne Price Sr				
3/7	1418	[illegible]	[illegible signature]	FedEx	3/8/24	915

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Wayne Price LLC Job Number: 885-913-1

Login Number: 913
List Number: 1
Creator: Cason, Cheyenne

List Source: Eurofins Albuquerque

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 360186

COMMENTS

Operator: WASSERHUND INC P.O. Box 2140 Lovington, NM 88260	OGRID: 130851
	Action Number: 360186
	Action Type: [UF-DP] Brine Facility Discharge Plan (DISCHARGE PLAN BRINE EXTRACTION)

COMMENTS

Created By	Comment	Comment Date
cchavez	Annual Report 2023 Addendum (Brine Production Recalculation)	7/3/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 360186

CONDITIONS

Operator: WASSERHUND INC P.O. Box 2140 Lovington, NM 88260	OGRID: 130851
	Action Number: 360186
	Action Type: [UF-DP] Brine Facility Discharge Plan (DISCHARGE PLAN BRINE EXTRACTION)

CONDITIONS

Created By	Condition	Condition Date
cchavez	None	7/3/2024