



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

# 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

# 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



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

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

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

Laboratory Job ID: 885-913-1



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	6
QC Sample Results . . . . .	8
QC Association Summary . . . . .	10
Lab Chronicle . . . . .	11
Certification Summary . . . . .	12
Chain of Custody . . . . .	13
Receipt Checklists . . . . .	14

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.

Eurofins Albuquerque

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      Lab Sample ID: 885-913-2  
Date Collected: 03/07/24 14:10      Matrix: Water  
Date Received: 03/08/24 09:15

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

Eurofins Albuquerque



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				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total Recoverable			
Analysis Batch: 2063				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				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total Recoverable			
Analysis Batch: 2063				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

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 1612

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

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 1612

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

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 2180

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	

Eurofins Albuquerque

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
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

possibility. Any sub-consulted 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 335520

COMMENTS

Operator: WASSERHUND INC P.O. Box 2140 Lovington, NM 88260	OGRID: 130851
	Action Number: 335520
	Action Type: [UF-DP] Brine Facility Discharge Plan (DISCHARGE PLAN BRINE EXTRACTION)

COMMENTS

Created By	Comment	Comment Date
cchavez	Water Media Analytical Sampling March 2024	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 335520

CONDITIONS

Operator: WASSERHUND INC P.O. Box 2140 Lovington, NM 88260	OGRID: 130851
	Action Number: 335520
	Action Type: [UF-DP] Brine Facility Discharge Plan (DISCHARGE PLAN BRINE EXTRACTION)

CONDITIONS

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