

Table 2
Groundwater Sample Analytical Data Summary
Apache Corporation, EBDU 37, Lea County, New Mexico

RECEIVED

By Mike Buchanan at 3:40 pm, Aug 10, 2023

Sample	Collection	Benzene	Toluene	Ethylbenzene	Xylenes	Chloride	TDS	Depth To
	Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	groundwater
NMWQCC Standard:		*0.005	*1	*0.7	*0.62	**250	**1,000	(feet)***
Windmill	¹ 08/01/2019	<0.001	<0.001	<0.001	<0.003	232	732	--
	² 09/23/2019	--	--	--	--	--	--	--
	² 12/26/2019	<0.000800	<0.00200	<0.00200	<0.00200	259	688	--
	³ 09/30/2020	<0.00200	<0.00200	<0.00200	<0.00200	274	730	--
	³ 12/07/2020	<0.00200	<0.00200	<0.00200	<0.00200	287	930	--
	³ 03/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	252	745	--
	³ 06/10/2021	<0.00200	<0.00200	<0.00200	<0.00400	255	781	--
	⁴ 10/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	251	800	--
	⁴ 12/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	246	751	--
	⁴ 03/03/2022	<0.00200	<0.00200	<0.00200	<0.00400	256	828	--
	⁴ 05/23/2022	<0.00200	<0.00200	<0.00200	<0.00400	222	738	--
	⁴ 08/16/2022	<0.00200	<0.00200	<0.00200	<0.00400	256	1,190	--
	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	198	508	--
	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	401	1,130	--
	⁴ 06/22/2023	<0.00200	0.00554	<0.00200	<0.00200	276	852	--
TMW-1	² 09/23/2019	<0.00800	<0.00200	<0.00200	<0.00200	37.4	400	46.18
	² 12/26/2019	<0.000800	<0.00200	<0.00200	<0.00200	21.1	390	48.90
	³ 09/30/2020	<0.00200	<0.00200	<0.00200	<0.00200	22.6	390	49.31
	³ 12/07/2020	<0.00200	<0.00200	<0.00200	<0.00200	13.1	383	49.42
	³ 03/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	10.9	360	49.41
	³ 06/10/2021	<0.00200	<0.00200	<0.00200	<0.00400	14.5	360	49.67
	³ 10/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	17.5	358	50.90
	⁴ 12/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	10.3	391	49.95
	⁴ 03/01/2022	<0.00200	<0.00200	<0.00200	<0.00400	13.2	343	49.92
	⁴ 05/23/2022	<0.00200	<0.00200	<0.00200	<0.00400	26.0	369	50.25
	⁴ 08/16/2022	<0.00200	<0.00200	<0.00200	<0.00400	50.3	404	50.64
	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	21.4	216	50.18
	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	41.9	358	50.16
	⁴ 06/22/2023	<0.00200	0.00255	<0.00200	<0.00200	275	845	47.09
TMW-2	² 09/23/2019	<0.00800	<0.00200	<0.00200	<0.00200	338	1,220	55.80
	² 12/26/2019	<0.000800	<0.00200	<0.00200	<0.00200	307	1,170	57.50
	³ 09/30/2020	<0.00200	0.00227	<0.00200	<0.00200	314	1,040	58.01
	³ 12/07/2020	<0.00200	<0.00200	<0.00200	<0.00200	298	1,050	58.06
	³ 03/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	293	1,000	58.00
	³ 06/10/2021	<0.00200	<0.00200	<0.00200	<0.00400	267	1,050	58.12
	⁴ 10/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	263	1,030	58.54
	⁴ 12/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	284	1,270	58.50
	⁴ 03/01/2022	<0.00200	<0.00200	<0.00200	<0.00400	282	1,030	58.48
	⁴ 05/23/2022	<0.00200	<0.00200	<0.00400	<0.00400	256	1,070	58.62
	⁴ 08/16/2022	<0.00200	<0.00200	<0.00400	<0.00400	239	940	58.98
	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	195	985	58.76
	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	211	1,060	58.70
	⁴ 06/22/2023	<0.00200	0.00352	<0.00200	<0.00200	248	1,120	58.27
TMW-3	09/23/2019	--	--	--	--	--	--	--
	12/26/2019	--	--	--	--	--	--	--
	³ 09/30/2020	<0.00200	0.00322	<0.00200	0.00448	212	891	57.62

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Groundwater Sample Analytical Data Summary
Apache Corporation, EBDU 37, Lea County, New Mexico

Sample	Collection	Benzene	Toluene	Ethylbenzene	Xylenes	Chloride	TDS	Depth To
	Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	groundwater
NMWQCC Standard:		*0.005	*1	*0.7	*0.62	**250	**1,000	(feet)***
	³ 12/07/2020	<0.00200	<0.00200	<0.00200	<0.00200	214	948	57.68
	³ 03/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	213	900	57.59
	³ 06/10/2021	<0.00200	<0.00200	<0.00200	<0.00400	180	934	57.90
	⁴ 10/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	192	967	58.31
	⁴ 12/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	211	949	58.18
	⁴ 03/01/2022	<0.00200	<0.00200	<0.00200	<0.00400	233	944	58.14
	⁴ 05/23/2022	<0.00200	<0.00200	<0.00200	<0.00400	202	955	58.41
	⁴ 08/16/2022	<0.00200	<0.00200	<0.00200	<0.00400	245	1,100	58.87
	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	175	808	58.44
	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	233	940	58.36
	⁴ 06/22/2023	<0.00200	0.00410	<0.00200	<0.00200	229	1,020	57.53
TMW-4	09/23/2019	--	--	--	--	--	--	--
	12/26/2019	--	--	--	--	--	--	--
	³ 09/30/2020	<0.00200	0.00314	<0.00200	<0.00200	1,020	2,040	57.39
	³ 12/07/2020	<0.00200	<0.00200	<0.00200	<0.00200	987	2,300	57.45
	³ 03/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	834	1,960	57.40
	³ 06/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	745	1,990	57.60
	⁴ 10/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	689	1,990	57.99
	⁴ 12/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	735	2,180	57.90
	⁴ 03/01/2022	<0.00200	<0.00200	<0.00200	<0.00400	1,610	2,080	57.87
	⁴ 03/29/2022	<0.00200	<0.00200	<0.00200	0.00700	547	1,930	57.89
	⁴ 05/23/2022	<0.00200	<0.00200	<0.00200	<0.00400	522	1,930	58.05
	⁴ 08/16/2022	<0.00200	<0.00200	<0.00200	<0.00400	684	2,000	58.48
	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	486	1,940	58.15
	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	703	1,850	58.07
	⁴ 06/22/2023	<0.00200	0.00296	<0.00200	<0.00200	673	1,900	57.28
TWM-5	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	1,170	4,950	57.91
	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	2,890	5,200	57.27
	⁴ 06/22/2023	<0.00200	<0.00200	<0.00200	<0.00200	2,790	5,380	55.63
TWM-6	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	941	3,160	62.17
	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	2,270	3,200	62.08
	⁴ 06/22/2023	<0.00200	0.00484	<0.00200	<0.00200	1,550	3,260	61.41
TWM-7	⁴ 06/22/2023	<0.00200	0.00517	<0.00200	<0.00200	1,770	3,980	63.34
TMW-8	⁴ 06/22/2023	<0.00200	0.00275	<0.00200	<0.00200	974	2,410	54.02
TMW-9	⁴ 06/22/2023	<0.00200	0.00503	<0.00200	<0.00200	18.0	373	51.11
TMW-10	⁴ 06/22/2023	<0.00200	0.0103	<0.00200	<0.00200	9.89	525	51.57
DUP-1 (Windmill)	³ 09/30/2020	<0.00200	<0.00200	<0.00200	<0.00200	276	794	--
DUP-1 (Windmill)	³ 12/07/2020	<0.00200	<0.00200	<0.00200	<0.00200	278	908	--
DUP-1 (Windmill)	³ 03/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	259	798	--
DUP-1 (Windmill)	³ 06/10/2021	<0.00200	<0.00200	<0.00200	<0.00400	256	781	--
DUP-1 (Windmill)	⁴ 10/11/2021	<0.00200	<0.00200	<0.00200	<0.00400	250	830	--
DUP-1 (Windmill)	⁴ 12/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	243	796	--
Dup-1 (TMW-2)	⁴ 03/01/2022	<0.00200	<0.00200	<0.00200	<0.00400	297	1,010	--
Dup-2 (Windmill)	⁴ 03/03/2022	<0.00200	<0.00200	<0.00200	<0.00400	491	787	--

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Sample	Collection	Benzene	Toluene	Ethylbenzene	Xylenes	Chloride	TDS	Depth To
	Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	groundwater
NMWQCC Standard:		*0.005	*1	*0.7	*0.62	**250	**1,000	(feet)***
Dup-1 (Windmill)	⁴ 05/23/2022	<0.00200	<0.00200	<0.00200	<0.00400	215	729	--
Dup-1 (Windmill)	⁴ 08/16/2022	<0.00200	<0.00200	<0.00200	<0.00400	283	1,120	--
Dup-1 (TWM-5)	⁴ 12/15/2022	<0.00100	<0.00100	<0.00100	<0.00100	1,410	4,520	--
Dup-1 (Windmill)	⁴ 03/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	413	1,130	--
Dup-1 (Windmill)	⁴ 06/22/2023	<0.00200	0.00547	<0.00200	<0.00200	273	855	--

Notes:

(¹): analysis performed by Cardinal Laboratories, Hobbs, New Mexico, by EPA SW-846 Method 8021B (BTEX) and titration methods (chloride and TDS).

(²): analysis performed by DHL Analytical, Round Rock, Texas, by EPA SW-846 Method 8021B (BTEX) and Method 300 (chloride).

(³): analysis performed by Xenco Laboratories, Midland, Texas, by EPA SW-846 Method 8021B (BTEX) and Method 300 (chloride).

(⁴): analysis performed by Eurofins-Xenco, Midland, Texas, by EPA SW-846 Method 8021B (BTEX) and Method 300 (chloride). Units reported as ug/L in report, converted to mg/L.

< values: concentration is less than analytical method reporting limit (RL).

*: NMWQCC Human Health Standard

**: NMWQCC Domestic Water Quality Standard

--: no data available

***: Depth to groundwater measured from top of casing (TOC)

All values reported in milligrams per liter (mg/L) equivalent to parts per million (ppm)

Bold and highlighted denotes analyte concentration exceeds NMWQCC domestic water quality standard



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Groundwater Sample Analytical Data Summary
Apache Corporation, EBDU 37, Lea County, New Mexico

Sample	Collection	Benzene	Toluene	Ethylbenzene	Xylenes	Chloride	TDS	Depth To
	Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	groundwater
NMWQCC Standard:		*0.005	*1	*0.7	*0.62	**250	**1,000	(feet)***



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 6/29/2023 6:29:21 PM

JOB DESCRIPTION

EBDU #37
SDG NUMBER 19-0112-49

JOB NUMBER

880-29937-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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6/29/2023 6:29:21 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Laboratory Job ID: 880-29937-1
SDG: 19-0112-49

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Job ID: 880-29937-1

Laboratory: Eurofins Midland

Narrative	
	Job Narrative 880-29937-1

Receipt

The samples were received on 6/23/2023 9:09 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 4.5°C

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with analytical batch 880-56208 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike duplicate (MSD) recoveries for analytical batch 880-56208 were outside control limits. Non-homogeneity is suspected.

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

HPLC/IC

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

General Chemistry

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

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: TMW-1

Lab Sample ID: 880-29937-1

Date Collected: 06/22/23 09:20

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 16:57	1
Toluene	0.00255	*+ F1	0.00200	mg/L			06/23/23 16:57	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 16:57	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 16:57	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 16:57	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130		06/23/23 16:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130		06/23/23 16:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		2.50	mg/L			06/26/23 14:28	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	845		50.0	mg/L			06/23/23 16:34	1

Client Sample ID: TMW-2

Lab Sample ID: 880-29937-2

Date Collected: 06/22/23 10:00

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 17:18	1
Toluene	0.00352	*+	0.00200	mg/L			06/23/23 17:18	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 17:18	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 17:18	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 17:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130		06/23/23 17:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130		06/23/23 17:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	248		5.00	mg/L			06/26/23 14:44	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1120		50.0	mg/L			06/23/23 16:34	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: TMW-3

Lab Sample ID: 880-29937-3

Date Collected: 06/22/23 10:40

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 17:39	1
Toluene	0.00410	*+	0.00200	mg/L			06/23/23 17:39	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 17:39	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 17:39	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 17:39	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130		06/23/23 17:39	1
1,4-Difluorobenzene (Surr)	92		70 - 130		06/23/23 17:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00410		0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		2.50	mg/L			06/26/23 14:50	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1020		50.0	mg/L			06/23/23 16:34	1

Client Sample ID: TMW-4

Lab Sample ID: 880-29937-4

Date Collected: 06/22/23 11:00

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 17:59	1
Toluene	0.00296	*+	0.00200	mg/L			06/23/23 17:59	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 17:59	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 17:59	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 17:59	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130		06/23/23 17:59	1
1,4-Difluorobenzene (Surr)	89		70 - 130		06/23/23 17:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	673		10.0	mg/L			06/26/23 14:55	20

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1900		100	mg/L			06/23/23 16:34	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: TMW-5

Lab Sample ID: 880-29937-5

Date Collected: 06/22/23 11:40

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 18:20	1
Toluene	<0.00200	U **	0.00200	mg/L			06/23/23 18:20	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 18:20	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 18:20	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 18:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130		06/23/23 18:20	1
1,4-Difluorobenzene (Surr)	100		70 - 130		06/23/23 18:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2790		25.0	mg/L			06/26/23 15:01	50

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5380		200	mg/L			06/23/23 16:34	1

Client Sample ID: TMW-6

Lab Sample ID: 880-29937-6

Date Collected: 06/22/23 11:20

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 18:41	1
Toluene	0.00484	**	0.00200	mg/L			06/23/23 18:41	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 18:41	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 18:41	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 18:41	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		06/23/23 18:41	1
1,4-Difluorobenzene (Surr)	93		70 - 130		06/23/23 18:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00484		0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		25.0	mg/L			06/26/23 15:18	50

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3260		200	mg/L			06/23/23 16:34	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: TMW-7

Lab Sample ID: 880-29937-7

Date Collected: 06/22/23 12:00

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 19:01	1
Toluene	0.00517	*+	0.00200	mg/L			06/23/23 19:01	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 19:01	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 19:01	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 19:01	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		06/23/23 19:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130		06/23/23 19:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00517		0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		25.0	mg/L			06/26/23 15:23	50

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3980		200	mg/L			06/23/23 16:34	1

Client Sample ID: TMW-8

Lab Sample ID: 880-29937-8

Date Collected: 06/22/23 13:10

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 19:22	1
Toluene	0.00275	*+	0.00200	mg/L			06/23/23 19:22	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 19:22	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 19:22	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 19:22	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130		06/23/23 19:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130		06/23/23 19:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	974		10.0	mg/L			06/26/23 15:29	20

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2410		100	mg/L			06/23/23 16:34	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: TMW-9

Lab Sample ID: 880-29937-9

Date Collected: 06/22/23 12:30

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 19:42	1
Toluene	0.00503	*+	0.00200	mg/L			06/23/23 19:42	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 19:42	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 19:42	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 19:42	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130		06/23/23 19:42	1
1,4-Difluorobenzene (Surr)	95		70 - 130		06/23/23 19:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00503		0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.0		2.50	mg/L			06/26/23 15:34	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	373		50.0	mg/L			06/23/23 16:34	1

Client Sample ID: TMW-10

Lab Sample ID: 880-29937-10

Date Collected: 06/22/23 12:45

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 20:03	1
Toluene	0.0103	*+	0.00200	mg/L			06/23/23 20:03	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 20:03	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 20:03	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 20:03	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		06/23/23 20:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130		06/23/23 20:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0103		0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.89		0.500	mg/L			06/26/23 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	525		50.0	mg/L			06/23/23 16:34	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: Windmill

Lab Sample ID: 880-29937-11

Date Collected: 06/22/23 10:20

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 21:54	1
Toluene	0.00554	**	0.00200	mg/L			06/23/23 21:54	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 21:54	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 21:54	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 21:54	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130		06/23/23 21:54	1
1,4-Difluorobenzene (Surr)	88		70 - 130		06/23/23 21:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00554		0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		2.50	mg/L			06/26/23 15:45	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	852		50.0	mg/L			06/23/23 16:34	1

Client Sample ID: Dup-1

Lab Sample ID: 880-29937-12

Date Collected: 06/22/23 00:00

Matrix: Water

Date Received: 06/23/23 09:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200	mg/L			06/23/23 22:15	1
Toluene	0.00547	**	0.00200	mg/L			06/23/23 22:15	1
Ethylbenzene	<0.00200	U **	0.00200	mg/L			06/23/23 22:15	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 22:15	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 22:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130		06/23/23 22:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130		06/23/23 22:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00547		0.00400	mg/L			06/26/23 09:11	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	273		2.50	mg/L			06/26/23 16:02	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	855		50.0	mg/L			06/23/23 16:34	1

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Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-29937-1	TMW-1	98	95
880-29937-1 MS	TMW-1	128	106
880-29937-1 MSD	TMW-1	124	95
880-29937-2	TMW-2	100	98
880-29937-3	TMW-3	106	92
880-29937-4	TMW-4	96	89
880-29937-5	TMW-5	105	100
880-29937-6	TMW-6	103	93
880-29937-7	TMW-7	94	91
880-29937-8	TMW-8	98	94
880-29937-9	TMW-9	109	95
880-29937-10	TMW-10	103	97
880-29937-11	Windmill	90	88
880-29937-12	Dup-1	99	94
LCS 880-56208/3	Lab Control Sample	130	90
LCSD 880-56208/4	Lab Control Sample Dup	125	96
MB 880-56208/8	Method Blank	103	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-56208/8

Matrix: Water

Analysis Batch: 56208

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			06/23/23 16:28	1
Toluene	<0.00200	U	0.00200	mg/L			06/23/23 16:28	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			06/23/23 16:28	1
m,p-Xylenes	<0.00400	U	0.00400	mg/L			06/23/23 16:28	1
o-Xylene	<0.00200	U	0.00200	mg/L			06/23/23 16:28	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			06/23/23 16:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		06/23/23 16:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130		06/23/23 16:28	1

Lab Sample ID: LCS 880-56208/3

Matrix: Water

Analysis Batch: 56208

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1381	*+	mg/L		138	70 - 130
Toluene	0.100	0.1316	*+	mg/L		132	70 - 130
Ethylbenzene	0.100	0.1209		mg/L		121	70 - 130
m,p-Xylenes	0.200	0.2214		mg/L		111	70 - 130
o-Xylene	0.100	0.1162		mg/L		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-56208/4

Matrix: Water

Analysis Batch: 56208

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1419	*+	mg/L		142	70 - 130	3	20
Toluene	0.100	0.1305		mg/L		130	70 - 130	1	20
Ethylbenzene	0.100	0.1305	*+	mg/L		131	70 - 130	8	20
m,p-Xylenes	0.200	0.2466		mg/L		123	70 - 130	11	20
o-Xylene	0.100	0.1138		mg/L		114	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-29937-1 MS

Matrix: Water

Analysis Batch: 56208

Client Sample ID: TMW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U *+	0.100	0.1296		mg/L		130	70 - 130
Toluene	0.00255	*+ F1	0.100	0.1324		mg/L		130	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-29937-1 MS

Matrix: Water

Analysis Batch: 56208

Client Sample ID: TMW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U *	0.100	0.1147		mg/L		115	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.2121		mg/L		105	70 - 130
o-Xylene	<0.00200	U	0.100	0.1169		mg/L		117	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	128		70 - 130						
1,4-Difluorobenzene (Surr)	106		70 - 130						

Lab Sample ID: 880-29937-1 MSD

Matrix: Water

Analysis Batch: 56208

Client Sample ID: TMW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *	0.100	0.1300		mg/L		130	70 - 130	0	25
Toluene	0.00255	*+ F1	0.100	0.1349	F1	mg/L		132	70 - 130	2	25
Ethylbenzene	<0.00200	U *	0.100	0.1162		mg/L		116	70 - 130	1	25
m,p-Xylenes	<0.00400	U	0.200	0.2023		mg/L		101	70 - 130	5	25
o-Xylene	<0.00200	U	0.100	0.1100		mg/L		110	70 - 130	6	25
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	124		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-56359/3

Matrix: Water

Analysis Batch: 56359

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			06/26/23 14:11	1

Lab Sample ID: LCS 880-56359/4

Matrix: Water

Analysis Batch: 56359

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	23.96		mg/L		96	90 - 110

Lab Sample ID: LCSD 880-56359/5

Matrix: Water

Analysis Batch: 56359

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.0	23.91		mg/L		96	90 - 110	0	20

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-29937-1 MS

Matrix: Water

Analysis Batch: 56359

Client Sample ID: TMW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	275		125	394.9		mg/L		96	90 - 110		

Lab Sample ID: 880-29937-1 MSD

Matrix: Water

Analysis Batch: 56359

Client Sample ID: TMW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	275		125	398.0		mg/L		98	90 - 110	1	20

Lab Sample ID: 880-29937-11 MS

Matrix: Water

Analysis Batch: 56359

Client Sample ID: Windmill

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	276		125	397.4		mg/L		97	90 - 110		

Lab Sample ID: 880-29937-11 MSD

Matrix: Water

Analysis Batch: 56359

Client Sample ID: Windmill

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	276		125	399.9		mg/L		99	90 - 110	1	20

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

Lab Sample ID: MB 880-56199/1

Matrix: Water

Analysis Batch: 56199

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25.0	U	25.0	mg/L			06/23/23 16:34	1

Lab Sample ID: LCS 880-56199/2

Matrix: Water

Analysis Batch: 56199

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	996.0		mg/L		100	80 - 120		

Lab Sample ID: LCSD 880-56199/3

Matrix: Water

Analysis Batch: 56199

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	1002		mg/L		100	80 - 120	1	10

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

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

Lab Sample ID: 880-29937-1 DU				Client Sample ID: TMW-1			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 56199							
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD Limit
Total Dissolved Solids	845		852.0		mg/L		0.8 10

Lab Sample ID: 880-29937-11 DU				Client Sample ID: Windmill			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 56199							
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD Limit
Total Dissolved Solids	852		851.0		mg/L		0.1 10

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

GC VOA

Analysis Batch: 56208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29937-1	TMW-1	Total/NA	Water	8021B	
880-29937-2	TMW-2	Total/NA	Water	8021B	
880-29937-3	TMW-3	Total/NA	Water	8021B	
880-29937-4	TMW-4	Total/NA	Water	8021B	
880-29937-5	TMW-5	Total/NA	Water	8021B	
880-29937-6	TMW-6	Total/NA	Water	8021B	
880-29937-7	TMW-7	Total/NA	Water	8021B	
880-29937-8	TMW-8	Total/NA	Water	8021B	
880-29937-9	TMW-9	Total/NA	Water	8021B	
880-29937-10	TMW-10	Total/NA	Water	8021B	
880-29937-11	Windmill	Total/NA	Water	8021B	
880-29937-12	Dup-1	Total/NA	Water	8021B	
MB 880-56208/8	Method Blank	Total/NA	Water	8021B	
LCS 880-56208/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-56208/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-29937-1 MS	TMW-1	Total/NA	Water	8021B	
880-29937-1 MSD	TMW-1	Total/NA	Water	8021B	

Analysis Batch: 56279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29937-1	TMW-1	Total/NA	Water	Total BTEX	
880-29937-2	TMW-2	Total/NA	Water	Total BTEX	
880-29937-3	TMW-3	Total/NA	Water	Total BTEX	
880-29937-4	TMW-4	Total/NA	Water	Total BTEX	
880-29937-5	TMW-5	Total/NA	Water	Total BTEX	
880-29937-6	TMW-6	Total/NA	Water	Total BTEX	
880-29937-7	TMW-7	Total/NA	Water	Total BTEX	
880-29937-8	TMW-8	Total/NA	Water	Total BTEX	
880-29937-9	TMW-9	Total/NA	Water	Total BTEX	
880-29937-10	TMW-10	Total/NA	Water	Total BTEX	
880-29937-11	Windmill	Total/NA	Water	Total BTEX	
880-29937-12	Dup-1	Total/NA	Water	Total BTEX	

HPLC/IC

Analysis Batch: 56359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29937-1	TMW-1	Total/NA	Water	300.0	
880-29937-2	TMW-2	Total/NA	Water	300.0	
880-29937-3	TMW-3	Total/NA	Water	300.0	
880-29937-4	TMW-4	Total/NA	Water	300.0	
880-29937-5	TMW-5	Total/NA	Water	300.0	
880-29937-6	TMW-6	Total/NA	Water	300.0	
880-29937-7	TMW-7	Total/NA	Water	300.0	
880-29937-8	TMW-8	Total/NA	Water	300.0	
880-29937-9	TMW-9	Total/NA	Water	300.0	
880-29937-10	TMW-10	Total/NA	Water	300.0	
880-29937-11	Windmill	Total/NA	Water	300.0	
880-29937-12	Dup-1	Total/NA	Water	300.0	
MB 880-56359/3	Method Blank	Total/NA	Water	300.0	
LCS 880-56359/4	Lab Control Sample	Total/NA	Water	300.0	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

HPLC/IC (Continued)

Analysis Batch: 56359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-56359/5	Lab Control Sample Dup	Total/NA	Water	300.0	
880-29937-1 MS	TMW-1	Total/NA	Water	300.0	
880-29937-1 MSD	TMW-1	Total/NA	Water	300.0	
880-29937-11 MS	Windmill	Total/NA	Water	300.0	
880-29937-11 MSD	Windmill	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 56199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29937-1	TMW-1	Total/NA	Water	SM 2540C	
880-29937-2	TMW-2	Total/NA	Water	SM 2540C	
880-29937-3	TMW-3	Total/NA	Water	SM 2540C	
880-29937-4	TMW-4	Total/NA	Water	SM 2540C	
880-29937-5	TMW-5	Total/NA	Water	SM 2540C	
880-29937-6	TMW-6	Total/NA	Water	SM 2540C	
880-29937-7	TMW-7	Total/NA	Water	SM 2540C	
880-29937-8	TMW-8	Total/NA	Water	SM 2540C	
880-29937-9	TMW-9	Total/NA	Water	SM 2540C	
880-29937-10	TMW-10	Total/NA	Water	SM 2540C	
880-29937-11	Windmill	Total/NA	Water	SM 2540C	
880-29937-12	Dup-1	Total/NA	Water	SM 2540C	
MB 880-56199/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 880-56199/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 880-56199/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-29937-1 DU	TMW-1	Total/NA	Water	SM 2540C	
880-29937-11 DU	Windmill	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: TMW-1**Lab Sample ID: 880-29937-1****Date Collected: 06/22/23 09:20****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 16:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		5	10 mL	10 mL	56359	06/26/23 14:28	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-2**Lab Sample ID: 880-29937-2****Date Collected: 06/22/23 10:00****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 17:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		10	10 mL	10 mL	56359	06/26/23 14:44	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-3**Lab Sample ID: 880-29937-3****Date Collected: 06/22/23 10:40****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 17:39	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		5	10 mL	10 mL	56359	06/26/23 14:50	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-4**Lab Sample ID: 880-29937-4****Date Collected: 06/22/23 11:00****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 17:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		20	10 mL	10 mL	56359	06/26/23 14:55	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-5**Lab Sample ID: 880-29937-5****Date Collected: 06/22/23 11:40****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 18:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		50	10 mL	10 mL	56359	06/26/23 15:01	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: TMW-6**Lab Sample ID: 880-29937-6****Date Collected: 06/22/23 11:20****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 18:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		50	10 mL	10 mL	56359	06/26/23 15:18	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-7**Lab Sample ID: 880-29937-7****Date Collected: 06/22/23 12:00****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 19:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		50	10 mL	10 mL	56359	06/26/23 15:23	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-8**Lab Sample ID: 880-29937-8****Date Collected: 06/22/23 13:10****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 19:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		20	10 mL	10 mL	56359	06/26/23 15:29	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-9**Lab Sample ID: 880-29937-9****Date Collected: 06/22/23 12:30****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 19:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		5	10 mL	10 mL	56359	06/26/23 15:34	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: TMW-10**Lab Sample ID: 880-29937-10****Date Collected: 06/22/23 12:45****Matrix: Water****Date Received: 06/23/23 09:09**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 20:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		1	10 mL	10 mL	56359	06/26/23 17:28	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Client Sample ID: Windmill
Date Collected: 06/22/23 10:20
Date Received: 06/23/23 09:09

Lab Sample ID: 880-29937-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 21:54	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		5	10 mL	10 mL	56359	06/26/23 15:45	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Client Sample ID: Dup-1
Date Collected: 06/22/23 00:00
Date Received: 06/23/23 09:09

Lab Sample ID: 880-29937-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	56208	06/23/23 22:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56279	06/26/23 09:11	SM	EET MID
Total/NA	Analysis	300.0		5	10 mL	10 mL	56359	06/26/23 16:02	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	56199	06/23/23 16:34	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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
Total BTEX		Water	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET MID
5030B	Purge and Trap	SW846	EET MID

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: EBDU #37

Job ID: 880-29937-1
SDG: 19-0112-49

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-29937-1	TMW-1	Water	06/22/23 09:20	06/23/23 09:09
880-29937-2	TMW-2	Water	06/22/23 10:00	06/23/23 09:09
880-29937-3	TMW-3	Water	06/22/23 10:40	06/23/23 09:09
880-29937-4	TMW-4	Water	06/22/23 11:00	06/23/23 09:09
880-29937-5	TMW-5	Water	06/22/23 11:40	06/23/23 09:09
880-29937-6	TMW-6	Water	06/22/23 11:20	06/23/23 09:09
880-29937-7	TMW-7	Water	06/22/23 12:00	06/23/23 09:09
880-29937-8	TMW-8	Water	06/22/23 13:10	06/23/23 09:09
880-29937-9	TMW-9	Water	06/22/23 12:30	06/23/23 09:09
880-29937-10	TMW-10	Water	06/22/23 12:45	06/23/23 09:09
880-29937-11	Windmill	Water	06/22/23 10:20	06/23/23 09:09
880-29937-12	Dup-1	Water	06/22/23 00:00	06/23/23 09:09

Laarson & Associates, Inc. Environmental Consultants

507 N. Marenfeld, Ste 202
Midland, TX 79701
432-687-0901

DATE: 6/23/2023

PAGE 1 OF 1

PO#:

LAB WORK ORDER#:

PROJECT LOCATION OR NAME

LAB # 37

LAI PROJECT # 14-0112-49

COLLECTOR: bsc/hw

Data Reported to

TRRP report?
☐ Yes ☒ No

S=SOIL
W=WATER
A=AIR

P=PAINT
SL=SLUDGE
OT=OTHER

TIME ZONE
Time zone/State

MNT/MT

Field
Sample I D

Lab #

Date

Time

Matrix

of Containers

HCl

HNO₃

H₂SO₄ ☐ NaOH ☐

ICE

UNPRESERVED

ANALYSES

BTEX/MTBE ☐

TPH 418 1 ☐ TPH 1005 ☐ TPH 1006 ☐

GASOLINE MOD 8015 ☐

DIESEL MOD 8015 ☐

OIL MOD 8015 ☐

VOC 8260 ☐

SVOC 8270 ☐

PAH 8270 ☐ HOLDPAH ☐

8081 PESTICIDES ☐ 8151 HERBICIDES ☐

8082 PESTICIDES ☐

TCLP - METALS (RCRA) ☐ TCLP VOC ☐

TCLP - PEST ☐ HERB ☐ Semi-VOC ☐

TOTAL METALS (RCRA) ☐ OTHER LIST ☐

LEAD - TOTAL ☐ DW 200.8 ☐ TCLP ☐

RCI ☐ TOX ☐ FLASHPOINT ☐

TDS ☐ TSS ☐ % MOISTURE ☐

pH ☐ HEXAVALENT CHROMIUM ☐

EXPLOSIVES ☐ PECHLORATE ☐

CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐

FIELD NOTES

DIRECT BILL

TO APACHE.

REPORT TO

LAI

880-29937 Chain of Custody

TURN AROUND TIME

NORMAL ☒

1 DAY ☐

2 DAY ☐

OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP 48145

CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED

CARRIER BILL # 518828

HAND DELIVERED

RECEIVED BY (Signature)

DATE/TIME 6/23/2023 909

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-29937-1

SDG Number: 19-0112-49

Login Number: 29937

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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

CONDITIONS

Action 236397

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:
	873
	Action Number: 236397
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Received for NMOCD Record, See 1RP-5636 Apache Corporation	8/10/2023