

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**PETITION FOR HEARING REGARDING
ABATEMENT OF EAST BLINEBRY
DRINKARD UNIT**

CASE NO. 26126

ORDER NO. R-24491

**ORDER DENYING APACHE CORPORATION'S APPEAL OF THE
MARCH 12, 2026 NOTIFICATION OF ABATEMENT**

THIS MATTER came before the New Mexico Oil Conservation Division ("OCD" or the "Division") on the Petition and Application for Hearing filed by Apache Corporation ("Apache") appealing the Division's March 12, 2026 Notification of Abatement (the "Notice") for the East Blinebry Drinkard Unit #037 ("EBDU #037" or the "Site"). The Director of the New Mexico Oil Conservation Division ("OCD"), having heard this matter through Hearing Examiners on June 4, 2026, and after considering the testimony, evidence, and recommendation of the Hearing and Technical Examiners, issues the following Order.

FINDINGS OF FACT

1. The Division has jurisdiction over the parties and the subject matter of this proceeding.
2. The EBDU #037 well was constructed in 1963. Prior to Apache's acquisition, Conoco operated the well.
3. Apache acquired the lease and surrounding area encompassing the Site on or about November 1, 1998, and became operator of record on or about April 1, 1999. Apache owned, operated, and controlled the Site and the surrounding area continuously for approximately twenty-six years until it divested its interests to Hilcorp, effective December 31, 2024; Hilcorp became operator of record on or about July 10, 2025.
4. In July 2019, Apache reported a release of produced water at the Site (the "2019 Incident") and undertook soil remediation under 19.15.29 NMAC. The Division approved Apache's work plan, including installation of five groundwater monitoring wells, in December 2019. Apache submitted a closure report for soil remediation on

February 9, 2021, noting that groundwater monitoring remained ongoing. Following continued chloride exceedances in subsequent soil sampling, the Division approved an expanded remediation plan, including seven additional monitoring wells, in August 2021. The parties continued to develop scope-of-work plans through May 2024; a Groundwater Delineation Work Plan Apache submitted in September 2024 was rejected by the Division as inadequate. Apache's February 9, 2021 closure report was expressly limited to soil remediation, and groundwater monitoring continued thereafter pursuant to Division-approved work plans.

5. Apache appealed the Division's determination regarding the adequacy of its groundwater investigation, resulting in Oil Conservation Commission ("Commission") Case No. 24912. On February 19, 2025, the Commission entered Order No. R-23728, finding that the source or sources of groundwater contamination could not then be ascertained at that time and ordering additional investigation. On June 5, 2025 -- before the transfer of operatorship to Hilcorp -- the Commission entered amended Order No. R-23728-A, requiring installation of fifteen groundwater monitoring wells and two soil borings. Apache implemented these requirements both before and after the transfer of operatorship. Apache continued to conduct groundwater monitoring at the Site after the July 10, 2025 transfer of operatorship, pursuant to its agreement with the Division and Order No. R-23728-A.
6. In November 2025, Apache submitted a Field Activity Report to the Division. The Field Activity Report concluded that elevated TDS and chloride concentrations found in the center of the Site, compared to the source area of the 2019 Incident, are not fully explained by the site's groundwater gradient and hydraulic conductivity, and that this pattern "implies the occurrence of other releases from historical operations." The Field Activity Report recommended that Apache develop and submit a semi-annual groundwater monitoring report, which the Division's witness Brittany Hall testified is a component of a Stage 1 abatement plan under Part 30.
7. On March 12, 2026, the Division's Environmental Bureau Chief, Rosa Romero, issued the Notice to Apache, stating that groundwater at the Site had been impacted by oil and gas activity in excess of the standards of 19.15.30.9 NMAC and directing Apache to

submit a complete Stage 1 Abatement Plan. The Notice cited 19.15.30.11 and Subsection A of 19.15.30.14 NMAC as its regulatory basis. Apache responded by letter dated March 31, 2026, disputing its obligation to do so, and timely filed its Petition and Application for Hearing on April 10, 2026.

8. It is undisputed that groundwater at the Site is contaminated with chlorides and total dissolved solids in excess of the standards of 19.15.30.9 NMAC, that this contamination has existed since at least 2019, and that it existed throughout Apache's ownership and operation of the Site.
9. Apache's expert, John Grams, testified that the 2019 produced-water release is not the only source of the broader groundwater plume identified at the Site. Mr. Grams further testified that a 1955-1968 disposal pit identified through aerial photography obtained in April 2025 is "a potential source" and "at least one other potential source" of the observed groundwater impacts. Mr. Grams did not testify, and Apache did not otherwise establish, that the contamination at the Site was caused exclusively by sources or incidents occurring prior to Apache's approximately twenty-six-year tenure. It is more likely than not that releases or disposals occurring during Apache's approximately twenty-six-year tenure contributed to the contamination the Site.
10. Apache's November 2025 Field Activity Report, submitted to the Division as Exhibit F, concluded that anomalous chloride and total dissolved solids concentrations at the Site imply "the occurrence of other releases from historical operations" -- a description not limited to the period predating Apache's 1998 acquisition.
11. Apache conceded at hearing that it cannot determine how, where, or when the contamination at the Site occurred, and Mr. Grams testified that it is "exceptionally difficult to pinpoint the sources of contamination." Apache also conceded that the 2019 release did cause groundwater impacts, and Mr. Grams agreed the area has elevated levels of contaminants of concern from oil and gas activity generally.
12. Ms. Romero and Ms. Hall both testified that Apache was the operator of record for the entirety of the area surrounding the Site for approximately three decades, that groundwater testing results during that period showed contamination in excess of

allowable limits, and that Apache-owned or -operated wells and the legacy disposal pit are both plausible contributors to upgradient contamination migration.

CONCLUSIONS OF LAW

1. "Responsible person" is defined, for purposes of 19.15.30 NMAC ("Part 30"), as "the owner or operator who shall complete a division-approved corrective action for pollution from releases." 19.15.2.7.R(6) NMAC. "Abatement" is defined to include investigation and mitigation of water pollution. 19.15.2.7(A) NMAC.
2. Section 19.15.30.11.B NMAC provides that, in the event of a transfer of ownership, control, or possession of a facility for which an abatement plan is required or approved, where the transferor is a responsible person, the transferee also shall be considered a responsible person for the abatement plan's duration, and the transferor and transferee may jointly share responsibility to conduct the actions Part 30 requires. This provision contemplates continuing, joint and continuing responsibility of a transferor upon transfer, not automatic relief from responsibility upon transfer of operatorship.
3. Even if a former owner or operator could avoid responsible-person status under Part 30 by proving that groundwater contamination is unrelated to any release or disposal occurring during its period of ownership and operation, Apache did not carry its burden of making that showing by a preponderance of the evidence.
4. Apache's evidence, credible as far as it goes, establishes only that the 2019 Incident is not the sole source of the broader groundwater plume. It did not establish that the 2019 Incident did not contribute at all to the plume; nor did it establish that the plume was caused wholly and exclusively by incidents predating Apache's approximately twenty-six-year period of ownership and operation, from 1998 to 2024. Apache's own Field Activity Report points toward "other releases from historical operations," a period inclusive of Apache's own operational history.
5. The only affirmative alternative source Apache identifies is the 1955-1968 disposal pit revealed by aerial photography. Apache's own witness characterized this only as "a potential source" and "at least one other potential source" – and does not establish that the pit was the exclusive or even the most probably source of the plume. Apache's

inability to identify the origin of the contamination does not satisfy, and instead undermines, its burden to prove that the contamination is completely unrelated to its own period of ownership and operation.

6. Apache has therefore failed to prove, by a preponderance of the evidence, that the groundwater contamination identified in the Notice is unrelated to any release, disposal, or contaminating activity occurring during Apache's ownership, operation, or control of the Site. Therefore, Apache has failed to establish that it is not a responsible person under Part 30 for the groundwater contamination identified in the Notice.
7. In addition, Apache was already conducting groundwater monitoring -- which constitutes abatement under 19.15.2.7(A) NMAC -- pursuant to Commission Order No. R-23728-A, entered June 5, 2025, before the July 10, 2025 transfer of operatorship to Hilcorp. Where an abatement plan was, in substance, already "required or approved" with respect to the Site before the transfer to Hilcorp within the meaning of 19.15.30.11.B NMAC, then Apache's status as a jointly responsible transferor already attached before the transfer occurred, such that the March 12, 2026 Notice served to formalize, rather than retroactively create, an existing joint obligation.
8. The Division was authorized to notify Apache that it is required to submit a Stage 1 Abatement Plan pursuant to 19.15.30.11 and 19.15.30.13.A NMAC, and the Notice was properly issued.

ORDER

IT IS THEREFORE ORDERED THAT:

1. Apache Corporation's appeal and petition in Case No. 26126 is DENIED.
2. Apache shall comply with the Division's March 12, 2026 Notification of Abatement and shall submit a complete Stage 1 Abatement Plan proposal to the Director within sixty (60) days of the date of this Order, or such longer period as the Director may allow for good cause shown pursuant to 19.15.30.13.A NMAC.
3. Jurisdiction on this matter is retained for the entry of such further orders as the Division may deem necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ALBERT C.S. CHANG
DIRECTOR**

Date: 8/13/2026

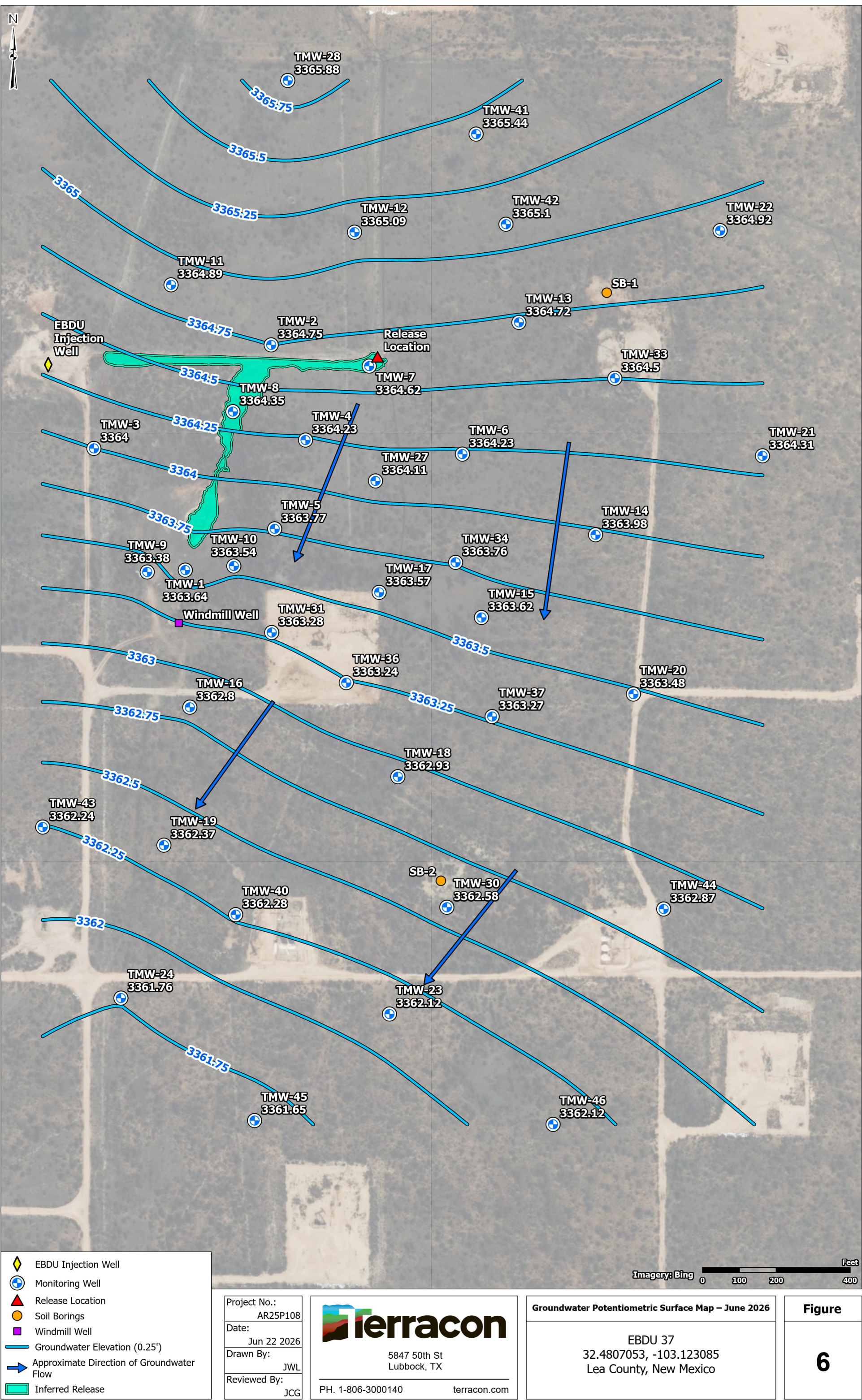




Table 1
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
Terracon Project AR25P108

Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Gauged Depth to Bottom of Well (ft TOC)	Depth to Water (ft TOC)	Groundwater Elevation (feet)	Change from Previous Reading
TMW-1	3414.57	9/23/2019		46.18	3368.39	
TMW-1	3414.57	12/26/2019		48.90	3365.67	-2.72
TMW-1	3414.57	9/30/2020		49.31	3365.26	-0.41
TMW-1	3414.57	12/7/2020		49.42	3365.15	-0.11
TMW-1	3414.57	3/11/2021		49.41	3365.16	0.01
TMW-1	3414.57	6/10/2021		49.67	3364.9	-0.26
TMW-1	3414.57	10/11/2021		50.90	3363.67	-1.23
TMW-1	3414.57	12/22/2021		49.95	3364.62	0.95
TMW-1	3414.57	3/1/2022		49.92	3364.65	0.03
TMW-1	3414.57	5/23/2022		50.25	3364.32	-0.33
TMW-1	3414.57	8/16/2022		50.64	3363.93	-0.39
TMW-1	3414.57	12/15/2022		50.18	3364.39	0.46
TMW-1	3414.57	3/14/2023		50.16	3364.41	0.02
TMW-1	3414.57	6/22/2023		47.09	3367.48	3.07
TMW-1	3414.57	9/6/2023		50.31	3364.26	-3.22
TMW-1	3414.57	12/21/2023		50.27	3364.3	0.04
TMW-1	3414.57	3/14/2024		50.14	3364.43	0.13
TMW-1	3414.57	10/23/2024	65.85	51.09	3363.48	-0.95
TMW-1	3414.57	11/6/2024	65.66	51.12	3363.45	-0.03
TMW-1	3414.57	2/3/2025	68.58	50.67	3363.90	0.45
TMW-1	3414.52	8/28/2025		50.81	3363.71	-0.19
TMW-1	3414.52	12/3/2025	65.1	50.84	3363.68	-0.03
TMW-1	3414.52	3/16/2026		50.83	3363.69	0.01
TMW-1	3414.52	6/22/2026		50.88	3363.64	-0.05
TMW-2	3424.16	9/23/2019		55.80	3368.36	
TMW-2	3424.16	12/26/2019		57.50	3366.66	-1.7
TMW-2	3424.16	9/30/2020		58.01	3366.15	-0.51
TMW-2	3424.16	12/7/2020		58.08	3366.08	-0.07
TMW-2	3424.16	3/11/2021		58.00	3366.16	0.08
TMW-2	3424.16	6/10/2021		58.12	3366.04	-0.12
TMW-2	3424.16	10/11/2021		58.54	3365.62	-0.42
TMW-2	3424.16	12/22/2021		58.50	3365.66	0.04
TMW-2	3424.16	3/1/2022		58.48	3365.68	0.02
TMW-2	3424.16	5/23/2022		58.62	3365.54	-0.14
TMW-2	3424.16	8/16/2022		58.98	3365.18	-0.36
TMW-2	3424.16	12/15/2022		58.76	3365.40	0.22
TMW-2	3424.16	3/14/2023		58.70	3365.46	0.06
TMW-2	3424.16	6/22/2023		58.27	3365.89	0.43
TMW-2	3424.16	9/6/2023		59.05	3365.11	-0.78
TMW-2	3424.16	12/21/2023		58.95	3365.21	0.1
TMW-2	3424.16	3/14/2024		58.86	3365.30	0.09



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Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Gauged Depth to Bottom of Well (ft TOC)	Depth to Water (ft TOC)	Groundwater Elevation (feet)	Change from Previous Reading
TMW-2	3424.16	10/23/2024	70.85	59.55	3364.61	-0.69
TMW-2	3424.16	2/3/2025	69.58	59.28	3364.88	0.27
TMW-2	3424.27	8/28/2025		59.63	3364.64	-0.24
TMW-2	3424.27	12/3/2025	69.5	59.40	3364.87	0.23
TMW-2	3424.27	3/16/2026		59.34	3364.93	0.06
TMW-2	3424.27	6/22/2026		59.52	3364.75	-0.18
TWM-3	3423.21	9/30/2020		57.62	3365.59	
TWM-3	3423.21	12/7/2020		57.68	3365.53	-0.06
TWM-3	3423.21	3/11/2021		57.59	3365.62	0.09
TWM-3	3423.21	6/10/2021		57.90	3365.31	-0.31
TWM-3	3423.21	10/11/2021		58.31	3364.90	-0.41
TWM-3	3423.21	12/22/2021		58.18	3365.03	0.13
TWM-3	3423.21	3/1/2022		58.14	3365.07	0.04
TWM-3	3423.21	5/23/2022		58.41	3364.80	-0.27
TWM-3	3423.21	8/16/2022		58.87	3364.34	-0.46
TWM-3	3423.21	12/15/2022		58.44	3364.77	0.43
TWM-3	3423.21	3/14/2023		58.36	3364.85	0.08
TWM-3	3423.21	6/22/2023		57.53	3365.68	0.83
TWM-3	3423.21	9/6/2023		58.85	3364.36	-1.32
TWM-3	3423.21	12/21/2023		58.61	3364.60	0.24
TWM-3	3423.21	3/14/2024		58.47	3364.74	0.14
TWM-3	3423.21	10/23/2024	71.29	59.35	3363.86	-0.88
TMW-3	3423.21	2/3/2025	67.72	58.97	3364.24	0.38
TMW-3	3423.30	8/28/2025		59.44	3363.86	-0.38
TMW-3	3423.30	12/3/2025	67.2	59.10	3364.20	0.34
TMW-3	3423.30	3/16/2026		59.01	3364.29	0.09
TMW-3	3423.30	6/22/2026		59.3	3364.00	-0.29
TMW-4	3423.19	9/30/2020		57.39	3365.80	
TMW-4	3423.19	12/7/2020		57.45	3365.74	-0.06
TMW-4	3423.19	3/11/2021		57.40	3365.79	0.05
TMW-4	3423.19	6/10/2021		57.60	3365.59	-0.2
TMW-4	3423.19	10/11/2021		57.99	3365.20	-0.39
TMW-4	3423.19	12/22/2021		57.90	3365.29	0.09
TMW-4	3423.19	3/1/2022		57.87	3365.32	0.03
TMW-4	3423.19	3/29/2022		57.89	3365.30	-0.02
TMW-4	3423.19	5/23/2022		58.05	3365.14	-0.16
TMW-4	3423.19	8/16/2022		58.48	3364.71	-0.43
TMW-4	3423.19	12/15/2022		58.15	3365.04	0.33
TMW-4	3423.19	3/14/2023		58.07	3365.12	0.08
TMW-4	3423.19	6/22/2023		57.28	3365.91	0.79
TMW-4	3423.19	9/6/2023		58.45	3364.74	-1.17



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TMW-4	3423.19	12/20/2023		58.31	3364.88	0.14
TMW-4	3423.19	3/14/2024		58.19	3365.00	0.12
TMW-4	3423.19	10/23/2024	73.25	57.61	3365.58	0.58
TMW-4	3423.19	2/3/2025	71.74	58.65	3364.54	-1.04
TMW-4	3423.15	8/28/2025		59.00	3364.15	-0.39
TMW-4	3423.15	12/3/2025	71.5	58.78	3364.37	0.22
TMW-4	3423.15	3/16/2026		58.73	3364.42	0.05
TMW-4	3423.15	6/22/2026		58.92	3364.23	-0.19
TMW-5	3421.86	12/15/2022		57.91	3363.95	
TMW-5	3421.86	3/14/2023		57.27	3364.59	0.64
TMW-5	3421.86	6/22/2023		55.63	3366.23	1.64
TMW-5	3421.86	9/6/2023		57.63	3364.23	-2
TMW-5	3421.86	12/20/2023		57.49	3364.37	0.14
TMW-5	3421.86	3/14/2024		57.55	3364.31	-0.06
TMW-5	3421.86	10/23/2024	78.59	58.20	3363.66	-0.65
TMW-5	3421.86	2/3/2025	78.59	57.85	3364.01	0.35
TMW-5	3421.91	8/28/2025		58.18	3363.73	-0.28
TMW-5	3421.91	12/3/2025	78.6	58.00	3363.91	0.18
TMW-5	3421.91	3/16/2026		57.96	3363.95	0.04
TMW-5	3421.91	6/22/2026		58.14	3363.77	-0.18
TMW-6	3426.55	12/15/2022		62.17	3364.38	
TMW-6	3426.55	3/14/2023		62.08	3364.47	0.09
TMW-6	3426.55	6/22/2023		61.41	3365.14	0.67
TMW-6	3426.55	9/6/2023		61.95	3364.60	-0.54
TMW-6	3426.55	12/20/2023		61.88	3364.67	0.07
TMW-6	3426.55	3/14/2024		61.79	3364.76	0.09
TMW-6	3426.55	10/23/2024	72.1	62.29	3364.26	-0.50
TMW-6	3426.55	2/3/2025	71.72	62.18	3364.37	0.11
TMW-6	3426.67	8/28/2025		62.50	3364.17	-0.20
TMW-6	3426.67	12/3/2025	71.2	62.34	3364.33	0.16
TMW-6	3426.67	3/16/2026		62.28	3364.39	0.06
TMW-6	3426.67	6/22/2026		62.44	3364.23	-0.16
TMW-7	3425.93	6/19/2023		60.35	3365.58	
TMW-7	3425.93	6/22/2023		63.34	3362.59	-2.99
TMW-7	3425.93	9/6/2023		60.98	3364.95	2.36
TMW-7	3425.93	12/20/2023		60.91	3365.02	0.07
TMW-7	3425.93	3/14/2024		60.81	3365.12	0.10
TMW-7	3425.93	10/23/2024	83.85	61.25	3364.68	-0.44
TMW-7	3425.93	2/3/2025	83.95	61.22	3364.71	0.03
TMW-7	3426.09	8/28/2025		61.54	3364.55	-0.16
TMW-7	3426.09	12/3/2025	84	61.37	3364.72	0.17



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TMW-7	3426.09	3/16/2026		61.31	3364.78	0.06
TMW-7	3426.09	6/22/2026		61.47	3364.62	-0.16
TMW-8	3420.08	6/20/2023		54.04	3366.04	
TMW-8	3420.08	6/22/2023		54.02	3366.06	0.02
TMW-8	3420.08	9/6/2023		55.39	3364.69	-1.37
TMW-8	3420.08	12/20/2023		55.23	3364.85	0.16
TMW-8	3420.08	3/14/2024		55.12	3364.96	0.11
TMW-8	3420.08	10/23/2024	76.55	55.59	3364.49	-0.47
TMW-8	3420.08	2/3/2025	75.73	55.59	3364.49	0.00
TMW-8	3420.22	8/28/2025		55.98	3364.24	-0.25
TMW-8	3420.22	12/3/2025	75.7	55.70	3364.52	0.28
TMW-8	3420.22	3/16/2026		55.63	3364.59	0.07
TMW-8	3420.22	6/22/2026		55.87	3364.35	-0.24
TMW-9	3417.49	6/21/2023		51.11	3366.38	
TMW-9	3417.49	6/22/2023		51.14	3366.35	-0.03
TMW-9	3417.49	9/6/2023		53.66	3363.83	-2.52
TMW-9	3417.49	12/21/2023		53.55	3363.94	0.11
TMW-9	3417.49	3/14/2024		53.45	3364.04	0.10
TMW-9	3417.49	10/23/2024	71.9	54.36	3363.13	-0.91
TMW-9	3417.49	2/3/2025	71.90	53.93	3363.56	0.43
TMW-9	3417.61	8/28/2025		54.25	3363.36	-0.20
TMW-9	3417.61	12/3/2025	71.8	54.07	3363.54	0.18
TMW-9	3417.61	3/16/2026		54.07	3363.54	0.00
TMW-9	3417.61	6/22/2026		54.23	3363.38	-0.16
TMW-10	3418.21	6/20/2023		51.57	3366.64	
TMW-10	3418.21	6/22/2023		51.61	3366.60	-0.04
TMW-10	3418.21	9/6/2023		54.21	3364.00	-2.6
TMW-10	3418.21	12/21/2023		54.12	3364.09	0.09
TMW-10	3418.21	3/14/2024		54.02	3364.19	0.10
TMW-10	3418.21	10/23/2024	72.76	54.90	3363.31	-0.88
TMW-10	3418.21	2/3/2025	72.32	54.50	3363.71	0.40
TMW-10	3418.34	8/28/2025		54.73	3363.61	-0.10
TMW-10	3418.34	12/3/2025	72.4	54.64	3363.70	0.09
TMW-10	3418.34	3/16/2026		54.64	3363.70	0.00
TMW-10	3418.34	6/22/2026		54.8	3363.54	-0.16
TMW-11	3424.35	12/21/2023		59.92	3364.43	
TMW-11	3424.35	3/14/2024		58.85	3365.50	1.07
TMW-11	3424.35	10/23/2024	76.75	59.50	3364.85	-0.65
TMW-11	3424.35	2/3/2025	78.99	59.29	3365.06	0.21
TMW-11	3424.44	8/28/2025		59.70	3364.74	-0.32
TMW-11	3424.44	12/3/2025	78.86	59.50	3364.94	0.20
TMW-11	3424.44	3/16/2026		59.37	3365.07	0.13
TMW-11	3424.44	6/22/2026		59.55	3364.89	-0.18



Table 1
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
Terracon Project AR25P108

Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Gauged Depth to Bottom of Well (ft TOC)	Depth to Water (ft TOC)	Groundwater Elevation (feet)	Change from Previous Reading
TMW-12	3427.22	12/21/2023		61.65	3365.57	
TMW-12	3427.22	3/14/2024		61.57	3365.65	0.08
TMW-12	3427.22	10/23/2024	85.73	62.00	3365.22	-0.43
TMW-12	3427.22	2/3/2025	81.97	61.94	3365.28	0.06
TMW-12	3427.26	8/28/2025		62.23	3365.03	-0.25
TMW-12	3427.26	12/3/2025	84.4	62.14	3365.12	0.09
TMW-12	3427.26	3/16/2026		62.04	3365.22	0.10
TMW-12	3427.26	6/22/2026		62.17	3365.09	-0.13
TMW-13	3428.98	12/20/2023		63.75	3365.23	
TMW-13	3428.98	3/14/2024		63.68	3365.30	0.07
TMW-13	3428.98	10/23/2024	86.67	64.07	3364.91	-0.39
TMW-13	3428.98	2/3/2025	87.64	64.04	3364.94	0.03
TMW-13	3429.00	8/28/2025		64.32	3364.68	-0.26
TMW-13	3429.00	12/3/2025	87.6	64.21	3364.79	0.11
TMW-13	3429.00	3/16/2026		64.15	3364.85	0.06
TMW-13	3429.00	6/22/2026		64.28	3364.72	-0.13
TMW-14	3429.54	12/20/2023		65.02	3364.52	
TMW-14	3429.54	3/14/2024		64.99	3364.55	0.03
TMW-14	3429.54	10/23/2024	88.64	65.35	3364.19	-0.36
TMW-14	3429.54	2/3/2025	88.30	65.31	3364.23	0.04
TMW-14	3429.55	8/28/2025		65.61	3363.94	-0.30
TMW-14	3429.55	12/3/2025	87.4	65.56	3363.99	0.05
TMW-14	3429.55	3/16/2026		65.46	3364.09	0.10
TMW-14	3429.55	6/22/2026		65.57	3363.98	-0.11
TMW-15	3425.97	12/20/2023		61.79	3364.18	
TMW-15	3425.97	3/14/2024		61.71	3364.26	0.08
TMW-15	3425.97	10/23/2024	83.14	62.19	3363.78	-0.48
TMW-15	3425.97	2/3/2025	80.16	62.09	3363.88	0.10
TMW-15	3426.00	8/28/2025		62.41	3363.59	-0.29
TMW-15	3426.00	12/3/2025	78.8	62.27	3363.73	0.14
TMW-15	3426.00	3/16/2026		62.19	3363.81	0.08
TMW-15	3426.00	6/22/2026		62.38	3363.62	-0.19
TMW-16	3423.65	12/20/2023		60.19	3363.46	
TMW-16	3423.65	3/14/2024		60.08	3363.57	0.11
TMW-16	3423.65	10/23/2024	84.82	60.74	3362.91	-0.66
TMW-16	3423.65	2/3/2025	85.21	60.54	3363.11	0.20
TMW-16	3423.66	8/28/2025		60.92	3362.74	-0.37
TMW-16	3423.66	12/3/2025	84.2	60.71	3362.95	0.21
TMW-16	3423.66	3/16/2026		60.72	3362.94	-0.01
TMW-16	3423.66	6/22/2026		60.86	3362.80	-0.14
TMW-17	3425.68	12/20/2023		61.56	3364.12	
TMW-17	3425.68	3/14/2024		61.43	3364.25	0.13
TMW-17	3425.68	10/23/2024	84.68	62.05	3363.63	-0.62
TMW-17	3425.68	2/3/2025	84.42	61.84	3363.84	0.21



Table 1
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
Terracon Project AR25P108

Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Gauged Depth to Bottom of Well (ft TOC)	Depth to Water (ft TOC)	Groundwater Elevation (feet)	Change from Previous Reading
TMW-17	3425.70	8/28/2025		62.18	3363.52	-0.32
TMW-17	3425.70	12/3/2025	87.9	61.85	3363.85	0.33
TMW-17	3425.70	3/16/2026		61.75	3363.95	0.10
TMW-17	3425.70	6/22/2026		62.13	3363.57	-0.38
TMW-18	3425.61	12/20/2023		62.15	3363.46	
TMW-18	3425.61	3/14/2024		62.01	3363.60	0.14
TMW-18	3425.61	10/23/2024	88.57	62.55	3363.06	-0.54
TMW-18	3425.61	2/3/2025	88.04	62.45	3363.16	0.10
TMW-18	3425.65	8/28/2025		62.78	3362.87	-0.29
TMW-18	3425.65	12/3/2025	87.7	62.67	3362.98	0.11
TMW-18	3425.65	3/16/2026		62.54	3363.11	0.13
TMW-18	3425.65	6/22/2026		62.72	3362.93	-0.18
TMW-19	3423.78	12/20/2023		60.92	3362.86	
TMW-19	3423.78	3/14/2024		61.90	3361.88	-0.98
TMW-19	3423.78	10/23/2024	83.5	61.35	3362.43	0.55
TMW-19	3423.78	11/5/2024	83.64	61.42	3362.36	-0.07
TMW-19	3423.78	2/3/2025	83.56	61.26	3362.52	0.16
TMW-19	3423.88	8/28/2025		61.58	3362.30	-0.22
TMW-19	3423.88	12/3/2025	84	61.48	3362.40	0.10
TMW-19	3423.88	3/16/2026		61.39	3362.49	0.09
TMW-19	3423.88	6/22/2026		61.51	3362.37	-0.12
TMW-20	3429.34	12/20/2023		65.26	3364.08	
TMW-20	3429.34	3/14/2024		65.21	3364.13	0.05
TMW-20	3429.34	10/23/2024	77.5	65.59	3363.75	-0.38
TMW-20	3429.34	2/3/2025	78.06	65.55	3363.79	0.04
TMW-20	3429.33	8/28/2025		65.85	3363.48	-0.31
TMW-20	3429.33	12/3/2025	77.8	65.78	3363.55	0.07
TMW-20	3429.33	3/16/2026		65.68	3363.65	0.10
TMW-20	3429.33	6/22/2026		65.85	3363.48	-0.17
TMW-21	3432.20	12/20/2023		67.31	3364.89	
TMW-21	3432.20	3/14/2024		67.29	3364.91	0.02
TMW-21	3432.20	10/23/2024	74.22	67.52	3364.68	-0.23
TMW-21	3432.20	11/6/2024	74.76	67.57	3364.63	-0.05
TMW-21	3432.20	2/3/2025	74.20	67.56	3364.64	0.01
TMW-21	3432.13	8/28/2025		67.79	3364.34	-0.30
TMW-21	3432.13	12/3/2025	74.2	67.78	3364.35	0.01
TMW-21	3432.13	3/16/2026		67.74	3364.39	0.04
TMW-21	3432.13	6/22/2026		67.82	3364.31	-0.08
TMW-22	3434.17	12/20/2023		68.86	3365.31	
TMW-22	3434.17	3/14/2024		68.85	3365.32	0.01
TMW-22	3434.17	10/23/2024	73.01	69.06	3365.11	-0.21
TMW-22	3434.17	2/3/2025	73.02	69.08	3365.09	-0.02
TMW-22	3434.23	8/28/2025		69.31	3364.92	-0.17
TMW-22	3434.23	12/3/2025	73.0	69.30	3364.93	0.01



Table 1
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
Terracon Project AR25P108

Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Gauged Depth to Bottom of Well (ft TOC)	Depth to Water (ft TOC)	Groundwater Elevation (feet)	Change from Previous Reading
TMW-22	3434.23	3/16/2026		69.34	3364.89	-0.04
TMW-22	3434.23	6/22/2026		69.31	3364.92	0.03
TMW-23	3424.23	12/20/2023		61.51	3362.72	
TMW-23	3424.23	3/14/2024		61.39	3362.84	0.12
TMW-23	3424.23	10/23/2024	72.34	61.91	3362.32	-0.52
TMW-23	3424.23	2/3/2025	72.20	61.89	3362.34	0.02
TMW-23	3424.25	8/28/2025		62.16	3362.09	-0.25
TMW-23	3424.25	12/3/2025	72.5	62.11	3362.14	0.05
TMW-23	3424.25	3/16/2026		62.02	3362.23	0.09
TMW-23	3424.25	6/22/2026		62.13	3362.12	-0.11
TMW-24	3421.74	12/20/2023		59.41	3362.33	
TMW-24	3421.74	3/14/2024		59.28	3362.46	0.13
TMW-24	3421.74	10/23/2024	63.02	59.83	3361.91	-0.55
TMW-24	3421.74	11/5/2024	63.23	59.89	3361.85	-0.06
TMW-24	3421.74	2/3/2025	63.19	59.79	3361.95	0.10
TMW-24	3421.75	8/28/2025		60.08	3361.67	-0.28
TMW-24	3421.75	12/3/2025	63.2	60.01	3361.74	0.07
TMW-24	3421.75	3/16/2026		59.86	3361.89	0.15
TMW-24	3421.75	6/22/2026		59.99	3361.76	-0.13
TMW-27	3425.25	8/28/2025		61.19	3364.06	
TMW-27	3425.25	12/3/2025	90.2	61.01	3364.24	0.18
TMW-27	3425.25	3/16/2026		60.93	3364.32	0.08
TMW-27	3425.25	6/22/2026		61.14	3364.11	-0.21
TMW-28	3427.14	8/28/2025		61.38	3365.76	
TMW-28	3427.14	12/3/2025	88.8	61.19	3365.95	0.19
TMW-28	3427.14	3/16/2026		61.14	3366.00	0.05
TMW-28	3427.14	6/22/2026		61.26	3365.88	-0.12
TMW-30	3424.94	8/28/2025		62.40	3362.54	
TMW-30	3424.94	12/3/2025	88.4	62.65	3362.29	-0.25
TMW-30	3424.94	3/16/2026		62.21	3362.73	0.44
TMW-30	3424.94	6/22/2026		62.36	3362.58	-0.15
TMW-31	3425.41	8/28/2025		62.17	3363.24	
TMW-31	3425.41	12/4/2025	88.3	62.01	3363.40	0.16
TMW-31	3425.41	3/16/2026		61.95	3363.46	0.06
TMW-31	3425.41	6/22/2026		62.13	3363.28	-0.18
TMW-33	3430.65	8/28/2025		66.13	3364.52	
TMW-33	3430.65	12/4/2025	89.1	66.12	3364.53	0.01
TMW-33	3430.65	3/16/2026		66.03	3364.62	0.09
TMW-33	3430.65	6/22/2026		66.15	3364.50	-0.12
TMW-34	3425.76	8/28/2025		62.05	3363.71	
TMW-34	3425.76	12/3/2025	89.9	61.87	3363.89	0.18
TMW-34	3425.76	3/16/2026		61.84	3363.92	0.03
TMW-34	3425.76	6/22/2026		62	3363.76	-0.16
TMW-36	3424.97	8/28/2025		61.80	3363.17	
TMW-36	3424.97	12/4/2025	88.5	61.68	3363.29	0.12



Table 1
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
Terracon Project AR25P108

Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Gauged Depth to Bottom of Well (ft TOC)	Depth to Water (ft TOC)	Groundwater Elevation (feet)	Change from Previous Reading
TMW-36	3424.97	3/16/2026		61.56	3363.41	0.12
TMW-36	3424.97	6/22/2026		61.73	3363.24	-0.17
TMW-37	3426.35	8/28/2025		63.11	3363.24	
TMW-37	3426.35	12/3/2025	88.8	63.01	3363.34	0.10
TMW-37	3426.35	3/16/2026		62.92	3363.43	0.09
TMW-37	3426.35	6/22/2026		63.08	3363.27	-0.16
TMW-40	3423.99	8/28/2025		61.75	3362.24	
TMW-40	3423.99	12/3/2025	88.5	61.65	3362.34	0.10
TMW-40	3423.99	3/16/2026		61.49	3362.50	0.16
TMW-40	3423.99	6/22/2026		61.71	3362.28	-0.22
TMW-41	3430.30	8/28/2025		64.86	3365.44	
TMW-41	3430.30	12/4/2025	90.0	64.83	3365.47	0.03
TMW-41	3430.30	3/16/2026		64.68	3365.62	0.15
TMW-41	3430.30	6/22/2026		64.86	3365.44	-0.18
TMW-42	3429.40	8/28/2025		64.30	3365.10	
TMW-42	3429.40	12/3/2025	90.3	64.21	3365.19	0.09
TMW-42	3429.40	3/16/2026		64.22	3365.18	-0.01
TMW-42	3429.40	6/22/2026		64.3	3365.10	-0.08
TMW-43	3422.58	8/28/2025		60.43	3362.15	
TMW-43	3422.58	12/3/2025	88.3	60.29	3362.29	0.14
TMW-43	3422.58	3/16/2026		60.26	3362.32	0.03
TMW-43	3422.58	6/22/2026		60.34	3362.24	-0.08
TMW-44	3428.92	8/28/2025		66.03	3362.89	
TMW-44	3428.92	12/3/2025	93.5	65.97	3362.95	0.06
TMW-44	3428.92	3/16/2026		65.97	3362.95	0.00
TMW-44	3428.92	6/22/2026		66.05	3362.87	-0.08
TMW-45	3422.08	8/28/2025		60.51	3361.57	
TMW-45	3422.08	12/3/2025	92.7	60.38	3361.70	0.13
TMW-45	3422.08	3/16/2026		60.28	3361.80	0.10
TMW-45	3422.08	6/22/2026		60.43	3361.65	-0.15
TMW-46	3424.73	8/28/2025		62.61	3362.12	
TMW-46	3424.73	12/3/2025	97.1	62.52	3362.21	0.09
TMW-46	3424.73	3/16/2026		62.42	3362.31	0.10
TMW-46	3424.73	6/22/2026		62.61	3362.12	-0.19

NAVD '88 = North American Vertical Datum of 1988

TOC = Top of Casing

Well location and top of casing resurveyed at all wells 8/25/25

Table 2
Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-1	1	09/23/2019	2019-09	37.4	400	--	Low-Flow
TMW-1	1	12/26/2019	2019-12	21.1	390	--	Low-Flow
TMW-1	1	09/30/2020	2020-09	22.6	390	--	Low-Flow
TMW-1	1	12/07/2020	2020-12	13.1	383	--	Low-Flow
TMW-1	1	03/11/2021	2021-03	10.9	360	--	Low-Flow
TMW-1	1	06/10/2021	2021-06	14.5	360	--	Low-Flow
TMW-1	1	10/11/2021	2021-10	17.5	358	--	Low-Flow
TMW-1	1	12/22/2021	2021-12	10.3	391	--	Low-Flow
TMW-1	1	03/01/2022	2022-03	13.2	343	--	Low-Flow
TMW-1	1	05/23/2022	2022-05	26.0	369	--	Low-Flow
TMW-1	1	08/16/2022	2022-08	50.3	404	--	Low-Flow
TMW-1	1	12/15/2022	2022-12	21.4	216	--	Low-Flow
TMW-1	1	03/14/2023	2023-03	41.9	358	--	Low-Flow
TMW-1	1	06/22/2023	2023-06	275	845	--	Low-Flow
TMW-1	1	09/06/2023	2023-09	277	830	--	Low-Flow
TMW-1	1	12/21/2023	2023-12	156	662	--	Low-Flow
TMW-1	1	03/14/2024	2024-03	136	551	--	Low-Flow
TMW-1	1	05/02/2024	2024-05	--	--	0.445	Low-Flow
TMW-1	1	11/06/2024	2024-10	128	632	0.285	Low-Flow
TMW-1	1	02/04/2025	2025-02	133	714		Low-Flow
TMW-1	1	08/27/2025	2025-08	110	593	0.351	Low-Flow
TMW-1	1	12/04/2025	2025-12	56	405	--	Low-Flow
TMW-1	1	03/17/2026	2026-03	111	487	--	Low-Flow
TMW-1	1	06/22/2026	2026-06	401	1,140	--	Low-Flow
TMW-2	2	09/23/2019	2019-09	338	1,220	--	Low-Flow
TMW-2	2	12/26/2019	2019-12	307	1,170	--	Low-Flow
TMW-2	2	09/30/2020	2020-09	314	1,040	--	Low-Flow
TMW-2	2	12/07/2020	2020-12	298	1,050	--	Low-Flow
TMW-2	2	03/11/2021	2021-03	293	1,000	--	Low-Flow
TMW-2	2	06/10/2021	2021-06	267	1,050	--	Low-Flow
TMW-2	2	10/11/2021	2021-10	263	1,030	--	Low-Flow
TMW-2	2	12/22/2021	2021-12	284	1,270	--	Low-Flow
TMW-2	2	03/01/2022	2022-03	282	1,030	--	Low-Flow
TMW-2	2	03/01/2022	2022-03	297	1,010	--	Duplicate
TMW-2	2	05/23/2022	2022-05	256	1,070	--	Low-Flow
TMW-2	2	08/16/2022	2022-08	239	940	--	Low-Flow
TMW-2	2	12/15/2022	2022-12	195	985	--	Low-Flow
TMW-2	2	03/14/2023	2023-03	211	1,060	--	Low-Flow
TMW-2	2	06/22/2023	2023-06	248	1,120	--	Low-Flow
TMW-2	2	09/06/2023	2023-09	270	1,050	--	Low-Flow

Table 2
Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-2	2	12/21/2023	2023-12	265	1,010	--	Duplicate
TMW-2	2	12/21/2023	2023-12	264	1,100	--	Low-Flow
TMW-2	2	03/14/2024	2024-03	249	992	--	Low-Flow
TMW-2	2	10/24/2024	2024-10	276	1,020	--	Hydrasleeve
TMW-2	2	02/05/2025	2025-02	258	1,250		Low-Flow
TMW-2	2	08/13/2025	2025-08	279	996	0.036	Low-Flow
TMW-2	2	12/04/2025	2025-12	256	991	--	Low-Flow
TMW-2	2	03/17/2026	2026-03	662	1,460	--	Low-Flow
TMW-2	2	06/23/2026	2026-06	244	1,030	--	Low-Flow
TMW-3	3	09/23/2019	2019-09	--	--	--	Low-Flow
TMW-3	3	12/26/2019	2019-12	--	--	--	Low-Flow
TMW-3	3	09/30/2020	2020-09	212	891	--	Low-Flow
TMW-3	3	12/07/2020	2020-12	214	948	--	Low-Flow
TMW-3	3	03/11/2021	2021-03	213	900	--	Low-Flow
TMW-3	3	06/10/2021	2021-06	180	934	--	Low-Flow
TMW-3	3	10/11/2021	2021-10	192	967	--	Low-Flow
TMW-3	3	12/22/2021	2021-12	211	949	--	Low-Flow
TMW-3	3	03/01/2022	2022-03	233	944	--	Low-Flow
TMW-3	3	05/23/2022	2022-05	202	955	--	Low-Flow
TMW-3	3	08/16/2022	2022-08	245	1,100	--	Low-Flow
TMW-3	3	12/15/2022	2022-12	175	808	--	Low-Flow
TMW-3	3	03/14/2023	2023-03	233	940	--	Low-Flow
TMW-3	3	06/22/2023	2023-06	229	1,020	--	Low-Flow
TMW-3	3	09/06/2023	2023-09	240	1,010	--	Low-Flow
TMW-3	3	12/21/2023	2023-12	242	1,020	--	Low-Flow
TMW-3	3	03/14/2024	2024-03	328	986	--	Duplicate
TMW-3	3	03/14/2024	2024-03	234	959		Low-Flow
TMW-3	3	05/02/2024	2024-05	--	--	0.0299	Low-Flow
TMW-3	3	11/06/2024	2024-11	183	889	0.952	Hydrasleeve
TMW-3	3	02/06/2025	2025-02	254	1,170	--	Low-Flow
TMW-3	3	02/06/2025	2025-02	213	1,090	--	HydraSleeve (Duplicate)
TMW-3	3	08/18/2025	2025-08	279	953	0.041	Low-Flow
TMW-3	3	12/04/2025	2025-12	269	966	--	Low-Flow
TMW-3	3	03/17/2026	2026-03	268	925	--	Low-Flow
TMW-3	3	06/22/2026	2026-06	296	993	--	Low-Flow
TMW-4	4	09/23/2019	2019-09	--	--	--	Low-Flow
TMW-4	4	12/26/2019	2019-12	--	--	--	Low-Flow
TMW-4	4	09/30/2020	2020-09	1,020	2,040	--	Low-Flow
TMW-4	4	12/07/2020	2020-12	987	2,300	--	Low-Flow
TMW-4	4	03/11/2021	2021-03	834	1,960	--	Low-Flow

Table 2
Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-4	4	06/11/2021	2021-06	745	1,990	--	Low-Flow
TMW-4	4	10/11/2021	2021-10	689	1,990	--	Low-Flow
TMW-4	4	12/22/2021	2021-12	735	2,180	--	Low-Flow
TMW-4	4	03/01/2022	2022-03	1,610	2,080	--	Low-Flow
TMW-4	4	03/29/2022	2022-03	547	1,930	--	Duplicate
TMW-4	4	05/23/2022	2022-05	522	1,930	--	Low-Flow
TMW-4	4	08/16/2022	2022-08	684	2,000	--	Low-Flow
TMW-4	4	12/15/2022	2022-12	486	1,940	--	Low-Flow
TMW-4	4	03/14/2023	2023-03	703	1,850	--	Low-Flow
TMW-4	4	06/22/2023	2023-06	673	1,900	--	Low-Flow
TMW-4	4	09/06/2023	2023-09	625	1,810	--	Low-Flow
TMW-4	4	12/20/2023	2023-12	598	1,750	--	Low-Flow
TMW-4	4	03/14/2024	2024-03	580	1,750	--	Low-Flow
TMW-4	4	10/24/2024	2024-10	612	1,760	--	Hydrasleeve
TMW-4	4	02/06/2025	2025-02	569	2,100		Low-Flow
TMW-4	4	08/14/2025	2025-08	585	2,020	0.034	Low-Flow
TMW-4	4	12/10/2025	2025-12	559	1,640	--	Low-Flow
TMW-4	4	03/18/2026	2026-03	480	1,610	--	Low-Flow
TMW-4	4	06/23/2026	2026-06	498	1,540	--	Low-Flow
TMW-5	5	12/15/2022	2022-12	1,170	4,950	--	Low-Flow
TWM-5	5	12/15/2022	2022-12	1,410	4,520	--	Duplicate
TMW-5	5	03/14/2023	2023-03	2,890	5,200	--	Low-Flow
TMW-5	5	06/22/2023	2023-06	2,790	5,380	--	Low-Flow
TMW-5	5	09/06/2023	2023-09	2,700	4,590	--	Low-Flow
TWM-5	5	09/06/2023	2023-09	3,030	5,850	--	Duplicate
TMW-5	5	12/20/2023	2023-12	2,320	4,250	--	Low-Flow
TWM-5	5	12/21/2023	2023-12	265	1,010	--	Duplicate
TMW-5	5	03/14/2024	2024-03	2,980	5,360	--	Low-Flow
TWM-5	5	03/14/2024	2024-03	328	986	--	Duplicate
TWM-5	5	03/15/2024	2024-03	1,330	2,530	--	Duplicate
TMW-5	5	10/24/2024	2024-10	3,990	10,200	--	Hydrasleeve
TMW-5 (dup)	5	02/06/2025	2025-02	2,120	5,280		HydraSleeve (Duplicate)
TMW-5	5	02/06/2025	2025-02	3,010	7,580		Low-Flow
TMW-5	5	08/14/2025	2025-08	2,890	7,610	0.189	Low-Flow
TMW-5	5	12/11/2025	2025-12	3,180	8,250	--	Low-Flow
TMW-5	5	03/17/2026	2026-03	3,020	6,640	--	Low-Flow
TMW-5	5	06/24/2026	2026-06	2,880	6,270	--	Low-Flow
TMW-6	6	12/15/2022	2022-12	941	3,160	--	Low-Flow
TMW-6	6	03/14/2023	2023-03	2,270	3,200	--	Low-Flow
TMW-6	6	06/22/2023	2023-06	1,550	3,260	--	Low-Flow

Table 2
Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-6	6	09/06/2023	2023-09	1,630	2,820	--	Low-Flow
TMW-6	6	12/20/2023	2023-12	1,570	3,070	--	Low-Flow
TMW-6	6	03/14/2024	2024-03	1,500	3,280	--	Low-Flow
TMW-6	6	10/24/2024	2024-10	1,330	11,700	--	Hydrasleeve
TMW-6	6	02/06/2025	2025-02	1,520	4,220		Low-Flow
TMW-6	6	08/25/2025	2025-08	1,590	3,690	0.050	Low-Flow
TMW-6	6	12/09/2025	2025-12	1,750	3,980	--	Low-Flow
TMW-6	6	03/18/2026	2026-03	1,760	3,340	--	Low-Flow
TMW-6	6	06/23/2026	2026-06	1,640	3,480	--	Low-Flow
TMW-7	7	06/22/2023	2023-06	1,770	3,980	--	Low-Flow
TMW-7	7	09/06/2023	2023-09	1,870	3,880	--	Low-Flow
TMW-7	7	12/20/2023	2023-12	1,770	3,720	--	Low-Flow
TMW-7	7	03/14/2024	2024-03	1,740	3,690	--	Low-Flow
TMW-7	7	10/24/2024	2024-10	1,100	3,020		Hydrasleeve
TMW-7	7	02/06/2025	2025-02	1,030	3,110		Low-Flow
TMW-7	7	08/20/2025	2025-08	880	2,500	0.033	Low-Flow
TMW-7	7	12/11/2025	2025-12	874	1,980	--	Duplicate (DUP-04)
TMW-7	7	12/11/2025	2025-12	900	1,980	--	Low-Flow
TMW-7	7	03/18/2026	2026-03	867	1,970	--	Low-Flow
TMW-7	7	06/23/2026	2026-06	782	2,120	--	Dup-03 / Low-Flow
TMW-7	7	06/23/2026	2026-06	748	2,000	--	Low-Flow
TMW-8	8	06/22/2023	2023-06	974	2,410	--	Low-Flow
TMW-8	8	09/06/2023	2023-09	1,130	2,470	--	Low-Flow
TMW-8	8	12/20/2023	2023-12	709	1,840	--	Low-Flow
TMW-8	8	03/14/2024	2024-03	655	1,830	--	Low-Flow
TMW-8	8	10/24/2024	2024-10	570	1,680		Hydrasleeve
TMW-8	8	02/05/2025	2025-02	457	1,890		Low-Flow
TMW-8	8	08/20/2025	2025-08	442	1,390	0.063	Low-Flow
TMW-8	8	12/09/2025	2025-12				Dup-06 / Low Flow
TMW-8	8	12/09/2025	2025-12	414.00	1400	--	Low-Flow
TMW-8	8	03/18/2026	2026-03	402	1,300	--	Low Flow (Dup-03)
TMW-8	8	03/18/2026	2026-03	402	1,300	--	Low-Flow
TMW-8	8	06/23/2026	2026-06	661	1,870	--	Dup-06 / Low-Flow
TMW-8	8	06/23/2026	2026-06	724	2,020	--	Low-Flow
TMW-9	9	06/22/2023	2023-06	18	373	--	Low-Flow
TMW-9	9	09/06/2023	2023-09	41.8	390	--	Low-Flow
TMW-9	9	12/21/2023	2023-12	37.3	404	--	Low-Flow
TMW-9	9	03/12/2024	2024-03	29.3	373	--	Low-Flow
TMW-9	9	10/24/2024	2024-10	65.5	493		Hydrasleeve
TMW-9	9	02/04/2025	2025-02	64.1	536		Low-Flow

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EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-9	9	08/18/2025	2025-08	343	1,320	0.519	Low-Flow
TMW-9	9	12/08/2025	2025-12	63	480	--	Low-Flow
TMW-9	9	03/18/2026	2026-03	70.6	443	--	Low-Flow
TMW-9	9	06/22/2026	2026-06	116	721	--	Low-Flow
TMW-10	10	06/22/2023	2023-06	9.89	525	--	Low-Flow
TMW-10	10	09/06/2023	2023-09	67.0	514	--	Low-Flow
TMW-10	10	12/21/2023	2023-12	114	666	--	Low-Flow
TMW-10	10	03/14/2024	2024-03	17.0	405	--	Low-Flow
TMW-10	10	10/24/2024	2024-10	208	1,030		Hydrasleeve
TMW-10	10	02/06/2025	2025-02	108	688		Low-Flow
TMW-10	10	08/18/2025	2025-08	194	1,000	0.100	Low-Flow
TMW-10	10	12/04/2025	2025-12	212	797	--	Low-Flow
TMW-10	10	03/17/2026	2026-03	160	596	--	Low-Flow
TMW-10	10	06/22/2026	2026-06	348	1,040	--	Low-Flow
TMW-11	11	12/21/2023	2023-12	350	1,190	--	Low-Flow
TMW-11	11	03/14/2024	2024-03	318	1,090	--	Low-Flow
TMW-11	11	10/24/2024	2024-10	423	1,310	--	Hydrasleeve
TMW-11	11	02/05/2025	2025-02	347	1,550		Low-Flow
TMW-11	11	08/12/2025	2025-08	380	1,550	0.036	Low-Flow
TMW-11	11	12/09/2025	2025-12	371	1,300	--	Duplicate (DUP-02)
TMW-11	11	12/09/2025	2025-12	368	1,280	--	Low-Flow
TMW-11	11	03/18/2026	2026-03	356	1,180	--	Low-Flow
TMW-11	11	06/22/2026	2026-06	392	1,230	--	Low-Flow
TMW-12	12	12/21/2023	2023-12	463	1,520	--	Low-Flow
TMW-12	12	03/14/2024	2024-03	448	1,390	--	Low-Flow
TMW-12	12	10/24/2024	2024-10	458	1,520	--	Hydrasleeve
TMW-12	12	02/05/2025	2025-02	443	1,800		Low-Flow
TMW-12	12	08/13/2025	2025-08	443	1,320	0.037	Low-Flow
TMW-12	12	12/08/2025	2025-12	439	1,350	--	Low-Flow
TMW-12	12	03/18/2026	2026-03	394	1,460	--	Low-Flow
TMW-12	12	06/22/2026	2026-06	413	2,240		Dup-05 / Low-Flow
TMW-12	12	06/22/2026	2026-06	411	1,340	--	Low-Flow
TMW-13	13	12/20/2023	2023-12	1,730	3,680	--	Low-Flow
TMW-13	13	03/14/2024	2024-03	1,690	3,480	--	Low-Flow
TMW-13	13	10/24/2024	2024-10	1,580	3,650	--	Hydrasleeve
TMW-13	13	02/06/2025	2025-02	1,480	4,210		Low-Flow
TMW-13	13	08/21/2025	2025-08	1,620	3,480	0.056	Low-Flow
TMW-13	13	12/09/2025	2025-12	1,890	3,660	--	Low-Flow
TMW-13	13	03/18/2026	2026-03	1,560	2,950	--	Low-Flow
TMW-13	13	06/23/2026	2026-06	1,560	2,860	--	Low-Flow

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Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-14	14	12/20/2023	2023-12	2,500	5,140	--	Low-Flow
TMW-14	14	03/15/2024	2024-03	1,330	2,530	--	Duplicate
TMW-14	14	03/15/2024	2024-03	1,810	2,820	--	Low-Flow
TMW-14	14	10/24/2024	2024-10	7,790	14,500	--	Hydrasleeve
TMW-14	14	02/06/2025	2025-02	2,410	6,240		Low-Flow
TMW-14	14	08/26/2025	2025-08	1,770	4,680	0.097	Low-Flow
TMW-14	14	12/11/2025	2025-12	2,630	5,770	--	Low-Flow
TMW-14	14	03/16/2026	2026-03	3,450	6,450	--	Low-Flow
TMW-14	14	06/24/2026	2026-06	2,110	3,640	--	Low-Flow
TMW-15	15	12/20/2023	2023-12	2,120	3,870	--	Low-Flow
TMW-15	15	03/15/2024	2024-03	2,160	3,400	--	Low-Flow
TMW-15	15	10/24/2024	2024-10	7,160	14,400	--	Hydrasleeve
TMW-15	15	02/06/2025	2025-02	1,060	3,010		Low-Flow
TMW-15	15	08/21/2025	2025-08	2,190	4,430	0.116	Low-Flow
TMW-15	15	12/09/2025	2025-12	3,060	6,720	--	Low-Flow
TMW-15	15	03/16/2026	2026-03	3,510	5,900	--	Low-Flow
TMW-15	15	06/24/2026	2026-06	2,330	4,720	--	Low-Flow
TMW-16	16	12/20/2023	2023-12	85.5	495	--	Low-Flow
TMW-16	16	03/15/2024	2024-03	43.0	380	--	Low-Flow
TMW-16	16	10/24/2024	2024-10	171	919	--	Hydrasleeve
TMW-16	16	02/04/2025	2025-02	46.9	507		Low-Flow
TMW-16	16	08/19/2025	2025-08	811	2,260	0.167	Low-Flow
TMW-16	16	12/11/2025	2025-12	23	391	--	Low-Flow
TMW-16	16	03/16/2026	2026-03	58	574	--	Low-Flow
TMW-16	16	06/22/2026	2026-06	11	322	--	Low-Flow
TMW-17	17	12/20/2023	2023-12	5,830	10,300	--	Duplicate
TMW-17	17	12/20/2023	2023-12	5,850	10,300	--	Low-Flow
TMW-17	17	03/15/2024	2024-03	5,680	8,930	--	Low-Flow
TMW-17	17	11/05/2024	2024-11	14,900	24,900	--	Low-Flow
TMW-17 (dup)	17	02/05/2025	2025-02	6,980	--	--	Low-Flow Sample (dup)
TMW-17	17	02/05/2025	2025-02	7,120	13,300	0	Low-Flow
TMW-17	17	08/27/2025	2025-08	5,700	11,600	0.230	Low-Flow
TMW-17	17	12/11/2025	2025-12	5,500	10,600	--	Low-Flow
TMW-17	17	03/26/2026	2026-03	6,840	12,800	--	Low-Flow
TMW-17	17	06/24/2026	2026-06	5,590	9,830	--	Low-Flow
TMW-18	18	12/20/2023	2023-12	2,050	6,430	--	Low-Flow
TMW-18	18	03/15/2024	2024-03	908	1,650	--	Low-Flow
TMW-18	18	10/24/2024	2024-10	7,820	15,200	--	Hydrasleeve
TMW-18	18	02/06/2025	2025-02	1,390	3,960	--	Low-Flow
TMW-18	18	08/25/2025	2025-08	1,330	3,310	0.0795	Low-Flow

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EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
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TMW-18	18	12/09/2025	2025-12	1,640	3,400	--	Low-Flow
TMW-18	18	03/16/2026	2026-03	1,600	3,440	--	Low-Flow
TMW-18	18	06/23/2026	2026-06	1,250	2,660	--	Low-Flow
TMW-19	19	12/20/2023	2023-12	927	1,860	--	Low-Flow
TMW-19	19	03/15/2024	2024-03	553	1,070	--	Low-Flow
TMW-19	19	11/05/2024	2024-11	907	2,390	--	Low-Flow
TMW-19	19	02/04/2025	2025-02	792	2,330		Low-Flow
TMW-19	19	08/20/2025	2025-08	808	2,440	0.139	Low-Flow
TMW-19	19	12/11/2025	2025-12	799	2,020	--	Low-Flow
TMW-19	19	03/16/2026	2026-03	1,250	2,840	--	Low-Flow
TMW-19	19	06/23/2026	2026-06	712	1,680	--	Low-Flow
TMW-20	20	12/20/2023	2023-12	287	927	--	Low-Flow
TMW-20	20	03/15/2024	2024-03	385	937	--	Low-Flow
TMW-20	20	10/24/2024	2024-10	312	1,070	--	Hydrasleeve
TMW-20	20	02/04/2025	2025-02	295	1,140		Low-Flow
TMW-20	20	08/20/2025	2025-08	302	1,100	0.0446	Low-Flow
TMW-20	20	12/08/2025	2025-12	302	1,030	--	Low-Flow
TMW-20	20	03/18/2026	2026-03	292	1,000	--	Low-Flow
TMW-20	20	06/22/2026	2026-06	314	973		Dup-02 / Low Flow
TMW-20	20	06/22/2026	2026-06	301	1,030	--	Low-Flow
TMW-21	21	12/20/2023	2023-12	262	885	--	Low-Flow
TMW-21	21	03/15/2024	2024-03	310	902	--	Low-Flow
TMW-21	21	05/02/2024	2024-05	--	--	0.0471	Low-Flow
TMW-21	21	11/06/2024	2024-11	284	1,040	0	Low-Flow
TMW-21	21	02/04/2025	2025-02	268	1,070		Low-Flow
TMW-21	21	08/19/2025	2025-08	269	1,060	0.0506	Low-Flow
TMW-21	21	12/04/2025	2025-12	273	1,020	--	Low-Flow
TMW-21	21	03/17/2026	2026-03	269	921	--	Dup-01
TMW-21	21	03/17/2026	2026-03	236	765	--	Low-Flow
TMW-21	21	06/22/2026	2026-06	292	922	--	Low-Flow
TMW-22	22	12/20/2023	2023-12	270	939	--	Low-Flow
TMW-22	22	03/15/2024	2024-03	342	918	--	Low-Flow
TMW-22	22	10/24/2024	2024-10	289	1,080	--	Hydrasleeve
TMW-22	22	02/04/2025	2025-02	272	1,090		Low-Flow
TMW-22	22	08/20/2025	2025-08	278	1,090	0.0425	Low-Flow
TMW-22	22	12/08/2025	2025-12	276	1,030	--	Low-Flow
TMW-22	22	03/18/2026	2026-03	274	893	--	Low-Flow
TMW-22	22	06/22/2026	2026-06	275	921	--	Low-Flow

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EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-23	23	12/20/2023	2023-12	895	1,980	--	Low-Flow
TMW-23	23	03/15/2024	2024-03	1,020	2,020	--	Low-Flow
TMW-23	23	10/24/2024	2024-10	1,010	3,270	--	Hydrasleeve
TMW-23	23	02/04/2025	2025-02	993	3,280		Low-Flow
TMW-23	23	08/20/2025	2025-08	951	2,130	0.0649	Low-Flow
TMW-23	23	12/11/2025	2025-12	1,070	2,930	--	Low-Flow
TMW-23	23	03/16/2026	2026-03	1,060	2,860	--	Low-Flow
TMW-23	23	06/23/2026	2026-06	1,020	2,080	--	Low-Flow
TMW-24	24	12/20/2023	2023-12	271	1,050	--	Low-Flow
TMW-24	24	03/15/2024	2024-03	330	1,060	--	Low-Flow
TMW-24	24	10/28/2024	2024-10	330	1,060	--	Low-Flow
TMW-24	24	11/05/2024	2024-11	293	1,110	--	Low-Flow Sample (Dup)
TMW-24	24	02/04/2025	2025-02	272	1,290		Low-Flow
TMW-24	24	08/19/2025	2025-08	273	999	0.0239	Low-Flow
TMW-24	24	12/08/2025	2025-12	276	1,050	--	Low-Flow Duplicate (DUP-01)
TMW-24	24	12/08/2025	2025-12	276	1,040	--	Low-Flow
TMW-24	24	03/16/2026	2026-03	272	1,050	--	Low-Flow
TMW-24	24	06/22/2026	2026-06	253	1,080	--	Low-Flow
TMW-27	27	06/24/2006	2006-06	3,490	6,820	--	Low-Flow
TMW-27	27	08/14/2025	2025-08	3,880	7,780	0.123	Low-Flow
TMW-27	27	12/11/2025	2025-12	5,500	10,600	--	Low-Flow
TMW-27	27	03/16/2026	2026-03	3,920	8,660	--	Low-Flow
TMW-27	27	06/24/2026	2026-06	3,490	6,820	--	Low-Flow
TMW-28	28	08/13/2025	2025-08	325	1,010	0.0478	Duplicate
TMW-28	28	08/13/2025	2025-08	325	1,200	0.059	Low-Flow
TMW-28	28	12/08/2025	2025-12	294	1,010	--	Low-Flow
TMW-28	28	03/17/2026	2026-03	280	939	--	Low-Flow
TMW-28	28	06/22/2026	2026-06	251	1,030	--	Low-Flow
TMW-30	30	08/25/2025	2025-08	1,110	n/a	n/a	Duplicate
TMW-30	30	08/25/2025	2025-08	1,010	2,340	0.07	Low-Flow
TMW-30	30	12/11/2025	2025-12	762	1,680	--	Low-Flow
TMW-30	30	03/16/2026	2026-03	785	1,920	--	Low-Flow
TMW-30	30	06/23/2026	2026-06	592	1,680	--	Low-Flow
TMW-31	31	08/21/2025	2025-08	2,970	6,740	0.215	Duplicate
TMW-31	31	08/21/2025	2025-08	2,950	6,460	0.226	Low-Flow
TMW-31	31	12/11/2025	2025-12	3,560	8,660	--	Duplicate (DUP-05)
TMW-31	31	12/11/2025	2025-12	3,500	8,520	--	Low-Flow
TMW-31	31	03/16/2026	2026-03	4,910	10,100	--	Low-Flow
TMW-31	31	06/24/2026	2026-06	3,490	5,690	--	Low-Flow

Table 2
Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-33	33	08/21/2025	2025-08	2,360	4,910	0.113	Duplicate
TMW-33	33	08/21/2025	2025-08	2,330	5,340	0.0907	Low-Flow
TMW-33	33	12/11/2025	2025-12	2,220	3,800	--	Low-Flow
TMW-33	33	03/16/2026	2026-03	2,480	4,220	--	Low-Flow
TMW-33	33	06/23/2026	2026-06	2,090	4,130	--	Low-Flow
TMW-34	34	08/26/2025	2025-08	6,930	14,500	0.237	Low-Flow
TMW-34	34	12/12/2025	2025-12	7,260	13,600	--	Low-Flow
TMW-34	34	03/16/2026	2026-03	8,170	14,600		Dup-5
TMW-34	34	03/16/2026	2026-03	7,750	13,500	--	Low-Flow
TMW-34	34	06/24/2026	2026-06	6,340	9,850	--	Low-Flow
TMW-36	36	08/27/2025	2025-08	6,550	15,000	0.292	Low-Flow
TMW-36	36	12/12/2025	2025-12	6,000	11,700	--	Low-Flow
TMW-36	36	03/16/2026	2026-03	8,180	12,800	--	Low-Flow
TMW-36	36	06/24/2026	2026-06	4,850	9,440	--	Low-Flow
TMW-37	37	08/25/2025	2025-08	1,500	n/a	n/a	Duplicate
TMW-37	37	08/25/2025	2025-08	1,370	3,440	0.109	Low-Flow
TMW-37	37	12/09/2025	2025-12	1,730	3,440	--	Low-Flow
TMW-37	37	03/16/2026	2026-03	1,430	3,540	--	Low-Flow
TMW-37	37	06/23/2026	2026-06	2,970	6,640	--	Low-Flow
TMW-40	40	08/20/2025	2025-08	440	1,470	0.082	Low-Flow
TMW-40	40	12/09/2025	2025-12	1,280	3,380	--	Low-Flow
TMW-40	40	03/16/2026	2026-03	2,590	5,260	--	Low-Flow
TMW-40	40	06/23/2026	2026-06	1,930	3,640	--	Low-Flow
TMW-41	41	08/11/2025	2025-08	923	2,840	0.0625	Duplicate
TMW-41	41	08/11/2025	2025-08	729	1,970	0.0664	Low-Flow
TMW-41	41	12/10/2025	2025-12	561	1,580	--	Low-Flow
TMW-41	41	03/16/2026	2026-03	635	1,790	--	Low-Flow
TMW-41	41	06/22/2026	2026-06	573	1,490	--	Low-Flow
TMW-42	42	08/11/2025	2025-08	1,320	3,290	0.0553	Low-Flow
TMW-42	42	12/11/2025	2025-12	845	1,990	--	Low-Flow
TMW-42	42	03/16/2026	2026-03	1,030	2,290	--	Low-Flow
TMW-42	42	06/23/2026	2026-06	807	1,900	--	Low-Flow
TMW-43	43	08/19/2025	2025-08	606	1,620	0.322	Low-Flow
TMW-43	43	12/10/2025	2025-12	940	2,550	--	Low-Flow
TMW-43	43	03/16/2026	2026-03	950	2,270	--	Low-Flow
TMW-43	43	06/23/2026	2026-06	787	1,870	--	Low-Flow
TMW-44	44	08/19/2025	2025-08	191	803	0.068	Low-Flow
TMW-44	44	12/04/2025	2025-12	190	790	--	Low-Flow
TMW-44	44	03/16/2026	2026-03	192	835	--	Low-Flow
TMW-44	44	06/22/2026	2026-06	180	758	--	Low-Flow

Table 2
Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-45	45	08/21/2025	2025-08	1,500	3,810	0.203	Duplicate
TMW-45	45	08/21/2025	2025-08	1,370	3,720	0.478	Low-Flow
TMW-45	45	12/09/2025	2025-12	1,640	3,170	--	Low-Flow
TMW-45	45	03/16/2026	2026-03	1,720	3,360	--	Low-Flow
TMW-45	45	06/23/2026	2026-06	1,710	3,260	--	Low-Flow
TMW-46	46	08/21/2025	2025-08	470	1,740	0.074	Duplicate
TMW-46	46	08/21/2025	2025-08	455	1,580	0.0953	Low-Flow
TMW-46	46	12/10/2025	2025-12	304	1,170	--	Low-Flow
TMW-46	46	03/16/2026	2026-03	381	1,290	--	Low-Flow
TMW-46	46	06/22/2026	2026-06	279	1,010		Dup-04 / Low Flow
TMW-46	46	06/22/2026	2026-06	282	1,000	--	Low-Flow
Windmill	47	08/01/2019	2019-08	232	732	--	Grab
Windmill	47	09/23/2019	2019-09	--	--	--	Grab
Windmill	47	12/26/2019	2019-12	259	688	--	Grab
Windmill	47	09/30/2020	2020-09	276	794	--	Duplicate
Windmill	47	09/30/2020	2020-09	274	730	--	Grab
Windmill	47	12/07/2020	2020-12	278	908	--	Duplicate
Windmill	47	12/07/2020	2020-12	287	930	--	Grab
Windmill	47	03/11/2021	2021-03	259	798	--	Duplicate
Windmill	47	03/11/2021	2021-03	252	745	--	Grab
Windmill	47	06/10/2021	2021-06	256	781	--	Duplicate
Windmill	47	06/10/2021	2021-06	255	781	--	Grab
Windmill	47	10/11/2021	2021-10	250	830	--	Duplicate
Windmill	47	10/11/2021	2021-10	251	800	--	Grab
Windmill	47	12/22/2021	2021-12	243	796	--	Duplicate
Windmill	47	12/22/2021	2021-12	246	751	--	Grab
Windmill	47	03/03/2022	2022-03	491	787	--	Duplicate
Windmill	47	03/03/2022	2022-03	256	828	--	Grab
Windmill	47	05/23/2022	2022-05	215	729	--	Duplicate
Windmill	47	05/23/2022	2022-05	222	738	--	Grab
Windmill	47	08/16/2022	2022-08	283	1,120	--	Duplicate
Windmill	47	08/16/2022	2022-08	256	1,190	--	Grab
Windmill	47	12/15/2022	2022-12	198	508	--	Grab
Windmill	47	03/14/2023	2023-03	413	1,130	--	Duplicate
Windmill	47	03/14/2023	2023-03	401	1,130	--	Grab
Windmill	47	06/22/2023	2023-06	273	855	--	Duplicate
Windmill	47	06/22/2023	2023-06	276	852	--	Grab
Windmill	47	09/07/2023	2023-09	350	981	--	Grab
Windmill	47	12/20/2023	2023-12	409	1,010	--	Grab
Windmill	47	03/14/2024	2024-03	471	1,080	--	Grab

Table 2
Groundwater Analytical Summary
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NMWQCC Standard:				**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Sample Event	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
Windmill	47	04/03/2024	2024-04	--	--	2.18	Grab
Windmill	47	05/02/2024	2024-05	--	--	0.22	Grab
Windmill	47	10/28/2024	2024-10	540	2,030	--	Grab
Windmill	47	02/05/2025	2025-02	523	--	--	Duplicate (Dup 2)
Windmill	47	02/05/2025	2025-02	486	1,900	0.24	Grab
Windmill	47	08/20/2025	2025-08	612	1,910	0.269	Grab
Windmill	47	12/10/2025	2025-12	712	1,800	--	Duplicate (DUP-03)
Windmill	47	12/10/2025	2025-12	705	2,050	--	Grab
Windmill	47	03/16/2026	2026-03	662	1,460	--	Grab (Dup-2)
Windmill	47	03/16/2026	2026-03	689	1,520	--	Grab
Windmill	47	06/23/2026	2026-06	790	1,540		Dup-01 / Grab
Windmill	47	06/23/2026	2026-06	787	1,690	--	Grab

Notes:

mg/l = milligrams per liter

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

*: NMWQCC Human Health Standard

**: NMWQCC Domestic Water Quality Standard

Bold represents results above laboratory detection limits**Highlighted and Bold represents results that exceed the NMWQCC applicable standard**



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 7/17/2026 10:12:31 AM Revision 1

JOB DESCRIPTION

Apache - EBDU 37
AR25P108

JOB NUMBER

820-25831-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

Eurofins Lubbock

Job Notes

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Authorization



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Revision 1

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Laboratory Job ID: 820-25831-1
SDG: AR25P108

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: Terracon Consulting Eng & Scientists
Project: Apache - EBDU 37

Job ID: 820-25831-1

Job ID: 820-25831-1

Eurofins Lubbock

Job Narrative 820-25831-1

REVISION

The report being provided is a revision of the original report sent on 6/30/2026. The report (revision 1) is being revised to verify Chloride and TDS results due to suspected lab error..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 6/25/2026 9:17 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 5.5°C.

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: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-09

Date Collected: 06/22/26 10:40

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		2.50		mg/L			06/29/26 19:17	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	721		10.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-01

Date Collected: 06/22/26 11:55

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	401		2.50		mg/L			06/29/26 20:03	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1140		10.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-10

Date Collected: 06/22/26 13:25

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-3

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	348		2.50		mg/L			06/29/26 20:19	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1040		10.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-03

Date Collected: 06/22/26 14:55

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-4

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		2.50		mg/L			06/29/26 20:34	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	993		10.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-28

Date Collected: 06/22/26 16:45

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-5

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	254		2.50		mg/L			06/29/26 20:49	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1030		10.0		mg/L			06/26/26 15:31	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-11

Date Collected: 06/22/26 18:15

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-6

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	392		5.00		mg/L			06/29/26 21:35	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1230		20.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-12

Date Collected: 06/22/26 19:40

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-7

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	411		5.00		mg/L			06/29/26 21:51	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1340		20.0		mg/L			06/26/26 15:31	1

Client Sample ID: DUP-05

Date Collected: 06/22/26 00:00

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-8

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	413		5.00		mg/L			06/29/26 22:06	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2240		20.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-08

Date Collected: 06/23/26 09:35

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-9

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	724		5.00		mg/L			06/29/26 22:21	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2020		20.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-04

Date Collected: 06/23/26 11:00

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-10

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	498		5.00		mg/L			06/29/26 22:37	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1540		20.0		mg/L			06/26/26 15:31	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-02

Date Collected: 06/23/26 12:35

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-11

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244	F1	2.50		mg/L			06/29/26 22:52	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1030		10.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-07

Date Collected: 06/23/26 14:10

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-12

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	748		10.0		mg/L			06/29/26 23:38	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2000		20.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-37

Date Collected: 06/23/26 16:20

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-13

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2970		25.0		mg/L			06/29/26 23:53	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6640		100		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-18

Date Collected: 06/23/26 17:45

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-14

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250		10.0		mg/L			06/30/26 00:39	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2660		40.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-06

Date Collected: 06/23/26 19:30

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-15

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		10.0		mg/L			06/30/26 00:55	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3480		40.0		mg/L			06/26/26 15:31	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: DUP-06

Lab Sample ID: 820-25831-16

Date Collected: 06/23/26 00:00

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	661		5.00		mg/L			06/30/26 01:10	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1870		20.0		mg/L			06/26/26 15:31	1

Client Sample ID: DUP-03

Lab Sample ID: 820-25831-17

Date Collected: 06/23/26 00:00

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	782		10.0		mg/L			06/30/26 01:25	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2120		20.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-05

Lab Sample ID: 820-25831-18

Date Collected: 06/24/26 08:25

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2880		25.0		mg/L			06/30/26 01:41	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6270		100		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-14

Lab Sample ID: 820-25831-19

Date Collected: 06/24/26 10:00

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2110		25.0		mg/L			06/30/26 01:56	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3640		40.0		mg/L			06/26/26 15:31	1

Client Sample ID: TMW-15

Lab Sample ID: 820-25831-20

Date Collected: 06/24/26 12:10

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2330		25.0		mg/L			06/30/26 02:11	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4720		40.0		mg/L			06/26/26 15:32	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-27
Date Collected: 06/24/26 13:30
Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-21
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3490	F1	25.0		mg/L			06/30/26 04:14	50

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6820		100		mg/L			06/26/26 15:32	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-145011/3

Matrix: Water

Analysis Batch: 145011

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			06/29/26 18:31	1

Lab Sample ID: LCS 880-145011/4

Matrix: Water

Analysis Batch: 145011

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	26.00		mg/L		104	90 - 110

Lab Sample ID: LCSD 880-145011/5

Matrix: Water

Analysis Batch: 145011

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	25.99		mg/L		104	90 - 110	0	20

Lab Sample ID: 820-25831-1 MS

Matrix: Water

Analysis Batch: 145011

Client Sample ID: TMW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	116		125	247.6		mg/L		105	90 - 110

Lab Sample ID: 820-25831-1 MSD

Matrix: Water

Analysis Batch: 145011

Client Sample ID: TMW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	116		125	248.1		mg/L		105	90 - 110	0	20

Lab Sample ID: 820-25831-11 MS

Matrix: Water

Analysis Batch: 145011

Client Sample ID: TMW-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	244	F1	125	396.4	F1	mg/L		122	90 - 110

Lab Sample ID: 820-25831-11 MSD

Matrix: Water

Analysis Batch: 145011

Client Sample ID: TMW-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	244	F1	125	396.4	F1	mg/L		122	90 - 110	0	20

Lab Sample ID: MB 880-145016/3

Matrix: Water

Analysis Batch: 145016

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			06/30/26 03:28	1

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-145016/4

Matrix: Water

Analysis Batch: 145016

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	27.01		mg/L		108	90 - 110

Lab Sample ID: LCSD 880-145016/5

Matrix: Water

Analysis Batch: 145016

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	27.04		mg/L		108	90 - 110	0	20

Lab Sample ID: 820-25831-21 MS

Matrix: Water

Analysis Batch: 145016

Client Sample ID: TMW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3490	F1	1250	4984	F1	mg/L		119	90 - 110

Lab Sample ID: 820-25831-21 MSD

Matrix: Water

Analysis Batch: 145016

Client Sample ID: TMW-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3490	F1	1250	4986	F1	mg/L		120	90 - 110	0	20

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

Lab Sample ID: MB 860-337125/1

Matrix: Water

Analysis Batch: 337125

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			06/26/26 15:31	1

Lab Sample ID: LCS 860-337125/2

Matrix: Water

Analysis Batch: 337125

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	993.0		mg/L		99	80 - 120

Lab Sample ID: 820-25831-1 DU

Matrix: Water

Analysis Batch: 337125

Client Sample ID: TMW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	721		790.0		mg/L		9	10

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

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

Lab Sample ID: 820-25831-2 DU
Matrix: Water
Analysis Batch: 337125

Client Sample ID: TMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1140		1176		mg/L		3	10

Lab Sample ID: MB 860-337128/1
Matrix: Water
Analysis Batch: 337128

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			06/26/26 15:32	1

Lab Sample ID: LCS 860-337128/2
Matrix: Water
Analysis Batch: 337128

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	971.0		mg/L		97	80 - 120

Lab Sample ID: 820-25831-20 DU
Matrix: Water
Analysis Batch: 337128

Client Sample ID: TMW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4720		4424		mg/L		7	10

Lab Sample ID: 820-25831-21 DU
Matrix: Water
Analysis Batch: 337128

Client Sample ID: TMW-27
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	6820		6670		mg/L		2	10

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

HPLC/IC

Analysis Batch: 145011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25831-1	TMW-09	Total/NA	Water	300.0	
820-25831-2	TMW-01	Total/NA	Water	300.0	
820-25831-3	TMW-10	Total/NA	Water	300.0	
820-25831-4	TMW-03	Total/NA	Water	300.0	
820-25831-5	TMW-28	Total/NA	Water	300.0	
820-25831-6	TMW-11	Total/NA	Water	300.0	
820-25831-7	TMW-12	Total/NA	Water	300.0	
820-25831-8	DUP-05	Total/NA	Water	300.0	
820-25831-9	TMW-08	Total/NA	Water	300.0	
820-25831-10	TMW-04	Total/NA	Water	300.0	
820-25831-11	TMW-02	Total/NA	Water	300.0	
820-25831-12	TMW-07	Total/NA	Water	300.0	
820-25831-13	TMW-37	Total/NA	Water	300.0	
820-25831-14	TMW-18	Total/NA	Water	300.0	
820-25831-15	TMW-06	Total/NA	Water	300.0	
820-25831-16	DUP-06	Total/NA	Water	300.0	
820-25831-17	DUP-03	Total/NA	Water	300.0	
820-25831-18	TMW-05	Total/NA	Water	300.0	
820-25831-19	TMW-14	Total/NA	Water	300.0	
820-25831-20	TMW-15	Total/NA	Water	300.0	
MB 880-145011/3	Method Blank	Total/NA	Water	300.0	
LCS 880-145011/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-145011/5	Lab Control Sample Dup	Total/NA	Water	300.0	
820-25831-1 MS	TMW-09	Total/NA	Water	300.0	
820-25831-1 MSD	TMW-09	Total/NA	Water	300.0	
820-25831-11 MS	TMW-02	Total/NA	Water	300.0	
820-25831-11 MSD	TMW-02	Total/NA	Water	300.0	

Analysis Batch: 145016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25831-21	TMW-27	Total/NA	Water	300.0	
MB 880-145016/3	Method Blank	Total/NA	Water	300.0	
LCS 880-145016/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-145016/5	Lab Control Sample Dup	Total/NA	Water	300.0	
820-25831-21 MS	TMW-27	Total/NA	Water	300.0	
820-25831-21 MSD	TMW-27	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 337125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25831-1	TMW-09	Total/NA	Water	SM 2540C	
820-25831-2	TMW-01	Total/NA	Water	SM 2540C	
820-25831-3	TMW-10	Total/NA	Water	SM 2540C	
820-25831-4	TMW-03	Total/NA	Water	SM 2540C	
820-25831-5	TMW-28	Total/NA	Water	SM 2540C	
820-25831-6	TMW-11	Total/NA	Water	SM 2540C	
820-25831-7	TMW-12	Total/NA	Water	SM 2540C	
820-25831-8	DUP-05	Total/NA	Water	SM 2540C	
820-25831-9	TMW-08	Total/NA	Water	SM 2540C	
820-25831-10	TMW-04	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

General Chemistry (Continued)

Analysis Batch: 337125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25831-11	TMW-02	Total/NA	Water	SM 2540C	
820-25831-12	TMW-07	Total/NA	Water	SM 2540C	
820-25831-13	TMW-37	Total/NA	Water	SM 2540C	
820-25831-14	TMW-18	Total/NA	Water	SM 2540C	
820-25831-15	TMW-06	Total/NA	Water	SM 2540C	
820-25831-16	DUP-06	Total/NA	Water	SM 2540C	
820-25831-17	DUP-03	Total/NA	Water	SM 2540C	
820-25831-18	TMW-05	Total/NA	Water	SM 2540C	
820-25831-19	TMW-14	Total/NA	Water	SM 2540C	
MB 860-337125/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-337125/2	Lab Control Sample	Total/NA	Water	SM 2540C	
820-25831-1 DU	TMW-09	Total/NA	Water	SM 2540C	
820-25831-2 DU	TMW-01	Total/NA	Water	SM 2540C	

Analysis Batch: 337128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25831-20	TMW-15	Total/NA	Water	SM 2540C	
820-25831-21	TMW-27	Total/NA	Water	SM 2540C	
MB 860-337128/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-337128/2	Lab Control Sample	Total/NA	Water	SM 2540C	
820-25831-20 DU	TMW-15	Total/NA	Water	SM 2540C	
820-25831-21 DU	TMW-27	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-09

Lab Sample ID: 820-25831-1

Date Collected: 06/22/26 10:40

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145011	06/29/26 19:17	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-01

Lab Sample ID: 820-25831-2

Date Collected: 06/22/26 11:55

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145011	06/29/26 20:03	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-10

Lab Sample ID: 820-25831-3

Date Collected: 06/22/26 13:25

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145011	06/29/26 20:19	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-03

Lab Sample ID: 820-25831-4

Date Collected: 06/22/26 14:55

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145011	06/29/26 20:34	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-28

Lab Sample ID: 820-25831-5

Date Collected: 06/22/26 16:45

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145011	06/29/26 20:49	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-11

Lab Sample ID: 820-25831-6

Date Collected: 06/22/26 18:15

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	10 mL	10 mL	145011	06/29/26 21:35	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-12

Date Collected: 06/22/26 19:40

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-7

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	300.0		10	10 mL	10 mL	145011	06/29/26 21:51	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: DUP-05

Date Collected: 06/22/26 00:00

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-8

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	300.0		10	10 mL	10 mL	145011	06/29/26 22:06	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-08

Date Collected: 06/23/26 09:35

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-9

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	300.0		10	10 mL	10 mL	145011	06/29/26 22:21	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-04

Date Collected: 06/23/26 11:00

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-10

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	300.0		10	10 mL	10 mL	145011	06/29/26 22:37	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-02

Date Collected: 06/23/26 12:35

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-11

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	300.0		5	10 mL	10 mL	145011	06/29/26 22:52	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-07

Date Collected: 06/23/26 14:10

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-12

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	300.0		20	10 mL	10 mL	145011	06/29/26 23:38	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-37**Lab Sample ID: 820-25831-13****Date Collected: 06/23/26 16:20****Matrix: Water****Date Received: 06/25/26 09:17**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50	10 mL	10 mL	145011	06/29/26 23:53	CS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-18**Lab Sample ID: 820-25831-14****Date Collected: 06/23/26 17:45****Matrix: Water****Date Received: 06/25/26 09:17**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	10 mL	10 mL	145011	06/30/26 00:39	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-06**Lab Sample ID: 820-25831-15****Date Collected: 06/23/26 19:30****Matrix: Water****Date Received: 06/25/26 09:17**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	10 mL	10 mL	145011	06/30/26 00:55	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: DUP-06**Lab Sample ID: 820-25831-16****Date Collected: 06/23/26 00:00****Matrix: Water****Date Received: 06/25/26 09:17**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	10 mL	10 mL	145011	06/30/26 01:10	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: DUP-03**Lab Sample ID: 820-25831-17****Date Collected: 06/23/26 00:00****Matrix: Water****Date Received: 06/25/26 09:17**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	10 mL	10 mL	145011	06/30/26 01:25	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-05**Lab Sample ID: 820-25831-18****Date Collected: 06/24/26 08:25****Matrix: Water****Date Received: 06/25/26 09:17**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50	10 mL	10 mL	145011	06/30/26 01:41	CS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Client Sample ID: TMW-14

Date Collected: 06/24/26 10:00

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-19

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	300.0		50	10 mL	10 mL	145011	06/30/26 01:56	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337125	06/26/26 15:31	AP	EET HOU

Client Sample ID: TMW-15

Date Collected: 06/24/26 12:10

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-20

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	300.0		50	10 mL	10 mL	145011	06/30/26 02:11	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-27

Date Collected: 06/24/26 13:30

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25831-21

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	300.0		50	10 mL	10 mL	145016	06/30/26 04:14	CS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

- 1
- 2
- 3
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- 12
- 13

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU

Protocol References:

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25831-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-25831-1	TMW-09	Water	06/22/26 10:40	06/25/26 09:17	Texas
820-25831-2	TMW-01	Water	06/22/26 11:55	06/25/26 09:17	Texas
820-25831-3	TMW-10	Water	06/22/26 13:25	06/25/26 09:17	Texas
820-25831-4	TMW-03	Water	06/22/26 14:55	06/25/26 09:17	Texas
820-25831-5	TMW-28	Water	06/22/26 16:45	06/25/26 09:17	Texas
820-25831-6	TMW-11	Water	06/22/26 18:15	06/25/26 09:17	Texas
820-25831-7	TMW-12	Water	06/22/26 19:40	06/25/26 09:17	Texas
820-25831-8	DUP-05	Water	06/22/26 00:00	06/25/26 09:17	Texas
820-25831-9	TMW-08	Water	06/23/26 09:35	06/25/26 09:17	Texas
820-25831-10	TMW-04	Water	06/23/26 11:00	06/25/26 09:17	Texas
820-25831-11	TMW-02	Water	06/23/26 12:35	06/25/26 09:17	Texas
820-25831-12	TMW-07	Water	06/23/26 14:10	06/25/26 09:17	Texas
820-25831-13	TMW-37	Water	06/23/26 16:20	06/25/26 09:17	Texas
820-25831-14	TMW-18	Water	06/23/26 17:45	06/25/26 09:17	Texas
820-25831-15	TMW-06	Water	06/23/26 19:30	06/25/26 09:17	Texas
820-25831-16	DUP-06	Water	06/23/26 00:00	06/25/26 09:17	Texas
820-25831-17	DUP-03	Water	06/23/26 00:00	06/25/26 09:17	Texas
820-25831-18	TMW-05	Water	06/24/26 08:25	06/25/26 09:17	Texas
820-25831-19	TMW-14	Water	06/24/26 10:00	06/25/26 09:17	Texas
820-25831-20	TMW-15	Water	06/24/26 12:10	06/25/26 09:17	Texas
820-25831-21	TMW-27	Water	06/24/26 13:30	06/25/26 09:17	Texas

CHAIN OF CUSTODY RECORD

		Laboratory: Eurofins Address: 6701 Aberdeen Lubbock, Texas 79424 Phone: (806) 794-1296 Contact: Jessica Kramer		ANALYSIS REQUESTED Total Dissolved Solids (TDS) (SM2540C) Chloride (EPA Method 300)		LAB-USE ONLY DUE DATE: _____ TEMP OF COOLER WHEN RECEIVED (°C): 5.0 / 5.5 / 10.1	
		Page 1 of 2					
Office Location Lubbock, Texas Project Manager Austin Worley Sampler's Name Cooper Willetts		Sampler's Signature <i>B.C. Willetts</i>					
Project Number AR25P108 Project Name Apache - EBDU 37		Identifying Marks of Sample(s)					
Matrix	Date	Time	Grab	Comp	Start Depth (FT)	End Depth (FT)	Lab Sample ID
GW	6/22/2026	10:40			-	-	
GW	6/22/2026	11:55			-	-	
GW	6/22/2026	13:25			-	-	
GW	6/22/2026	14:55			-	-	
GW	6/22/2026	16:45			-	-	
GW	6/22/2026	18:15			-	-	
GW	6/22/2026	19:40			-	-	
GW	6/23/2026	9:35			-	-	
GW	6/23/2026	11:00			-	-	
GW	6/23/2026	12:35			-	-	
GW	6/23/2026	14:10			-	-	
TURNAROUND TIME Relinquished by (Signature) <i>B.C. Willetts</i> Date: 6/25/26 Time: 08:03 Relinquished by (Signature) Date: 6/25/26 Time: 09:17 Relinquished by (Signature) Date: 6/25/26 Time: 09:11 Relinquished by (Signature) Date: 6/25/26 Time: 09:11		☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush		TRRP Laboratory Review Checklist Date: 6/25/26 Time: 08:03 Date: 6/25/26 Time: 09:11 Date: 6/25/26 Time: 09:11 Date: 6/25/26 Time: 09:11		Bill To: Direct Bill to Barrett Bole at Apache Corp e-mail results to: John.Grams@terracon.com Austin.Worley@terracon.com Joseph.Guesnier@terracon.com Daniel.Pavelka@terracon.com	
Matrix Container: VOA - 40 ml vial WW Wastewater: A/G - Amber Glass 3L S - Soil: 250 ml - glass wide mouth L - Liquid: P/O - Plastic or other C - Charcoal tube SL - Sludge		Lubbock Office ■ 5847 50th Street ■ Lubbock, Texas 79424 ■ 806-300-0140 Responsive ■ Resourceful ■ Reliable					

CHAIN OF CUSTODY RECORD

Terracon										Laboratory: Eurofins		ANALYSIS REQUESTED		LAB USE ONLY	
Address: 6701 Aberdeen Lubbock, Texas 79424										6701 Aberdeen Lubbock, Texas 79424		TEMP OF COOLER WHEN RECEIVED (°C)		DUE DATE:	
Phone: (806) 794-1296										(806) 794-1296		5-6		2-1-0-1	
Contact: Jessica Kramer										Jessica Kramer				Page 2 of 2	
Project Name: Apache - EBDU 37										Project Name: Apache - EBDU 37					
Identifying Marks of Sample(s)										Identifying Marks of Sample(s)					
Matrix										Matrix					
Date										Date					
Time										Time					
Comp										Comp					
Grab										Grab					
No. Type of Containers										No. Type of Containers					
500 ml										500 ml					
250 ml										250 ml					
Poly										Poly					
End Depth (FT)										End Depth (FT)					
Start Depth (FT)										Start Depth (FT)					
Total Dissolved Solids (TDS) (SM2540C)										Total Dissolved Solids (TDS) (SM2540C)					
Chloride (EPA Method 300)										Chloride (EPA Method 300)					
Lab Sample ID										Lab Sample ID					
GW	6/23/2026	16:20													
GW	6/23/2026	17:45													
GW	6/23/2026	19:30													
GW	6/23/2026														
GW	6/23/2026														
GW	6/24/2026	8:25													
GW	6/24/2026	10:00													
GW	6/24/2026	12:10													
GW	6/24/2026	13:30													
NFE															

TURNAROUND TIME		48-Hour Rush		24-Hour Rush		TRRP Laboratory Review Checklist	
Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time	Yes	No
<i>J.C. Willett</i>	6/23/26	08:03	<i>J.C. Willett</i>	6/23/26	08:03		
<i>J.C. Willett</i>	6/23/26	09:17	<i>J.C. Willett</i>	6/23/26	09:17		
<i>J.C. Willett</i>	6/23/26	09:17	<i>J.C. Willett</i>	6/23/26	09:17		
<i>J.C. Willett</i>	6/23/26	09:17	<i>J.C. Willett</i>	6/23/26	09:17		

Relinquished by (Signature)		Date		Time		e-mail results to:	
<i>J.C. Willett</i>	6/23/26	09:17	<i>J.C. Willett</i>	6/23/26	09:17	John.Grams@terracon.com	
<i>J.C. Willett</i>	6/23/26	09:17	<i>J.C. Willett</i>	6/23/26	09:17	Austin.Worley@terracon.com	
<i>J.C. Willett</i>	6/23/26	09:17	<i>J.C. Willett</i>	6/23/26	09:17	Joseph.Guesnier@terracon.com	
<i>J.C. Willett</i>	6/23/26	09:17	<i>J.C. Willett</i>	6/23/26	09:17	Daniel.Pavelka@terracon.com	

W. Water		S. Sol		L. Liquid		A. Air Bag		C. Charcoal tube		Sh. Sludge	
VOA - 40 ml vial	250 ml + Gas wide mouth	P/O	Partic or other	Wage							

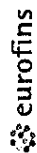
Lubbock Office ■ 5847 50th Street ■ Lubbock, Texas 79424 ■ 806-300-0140

Responsive ■ Resourceful ■ Reliable

Eurofins Lubbock

5701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record



Environment Testing



Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 820-12117 1				
Client Contact:		Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas	Page: Page 1 of 3				
Shipping/Receiving					Job #: 820-25831 1				
Company: Eurofins Environment Testing South Central					Preservation Codes:				
Address: 4145 Greenbriar Dr		Due Date Requested: 7/1/2026	Analysis Requested						
City: Stafford		TAT Requested (days): N/A							
State, Zip: TX, 77477									
Phone: 281-240-4200(Tel)		PO #: N/A							
Email: N/A		WO #: N/A							
Project Name: Apache EBDU 37		Project #: 82000284							
Site: N/A		SSOW#: N/A							
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C, Caled	Total Number of containers	Special Instructions/Note:
TMW-09 (820-25831 1)	6/22/26	10:40 Central	G	Water			X	1	
TMW-01 (820-25831-2)	6/22/26	11:55 Central	G	Water			X	1	
TMW-10 (820-25831-3)	6/22/26	13:25 Central	G	Water			X	1	
TMW-03 (820-25831-4)	6/22/26	14:55 Central	G	Water			X	1	
TMW-28 (820-25831-5)	6/22/26	16:45 Central	G	Water			X	1	
TMW-11 (820-25831-6)	6/22/26	18:15 Central	G	Water			X	1	
TMW-12 (820-25831 7)	6/22/26	19:40 Central	G	Water			X	1	
DUP-05 (820-25831-8)	6/22/26	Central	G	Water			X	1	
TMW-08 (820-25831-9)	6/23/26	09:35 Central	G	Water			X	1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.									
Possible Hazard Identification									
Unconfirmed									
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2									
Empty Kit Relinquished by									
Relinquished by: [Signature] Date: 6/25/26 17:00 Company: [Signature]									
Relinquished by: [Signature] Date: [Signature] Company: [Signature]									
Relinquished by: [Signature] Date: [Signature] Company: [Signature]									
Custody Seals Intact: [Signature] Custody Seal No. [Signature]									

Eurofins Lubbock

6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)						Sampler: N/A	Lab P/N: Kramer, Jessica	Carter Tracking No(s): 820-12113.1	COC No: 820-12113.1						
Client Contact:						Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas	Page: Page 1 of 3						
Shipping/Receiving						N/A									
Company:						Accreditations Required (See note):		Job #:	820-25831-1						
Eurofins Environment Testing South Cent						NELAP - Texas		Preservation Codes:							
Address: 1211 W. Florida Ave.						Due Date Requested: 7/1/2026		Analysis Requested							
City: Midland						TAT Requested (days): N/A									
State, Zip: TX, 79701						PO #: N/A									
Phone: 432-704-5440(Tel)						MO #: N/A									
Email: N/A						Project #: 82000284									
Project Name: Apache - EBDU 37						SSOW#: N/A		Other: N/A							
Site: N/A															
Sample Identification - Client ID (Lab ID)						Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, B=S&H, O=Oil/S&H, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28DChloride	Total Number of containers	Special Instructions/Note:	
TMW-09 (820-25831-1)						6/22/26	10:40 Central	G	Water	X				1	
TMW-01 (820-25831-2)						6/22/26	11:55 Central	G	Water	X				1	
TMW-10 (820-25831-3)						6/22/26	13:25 Central	G	Water	X				1	
TMW-03 (820-25831-4)						6/22/26	14:55 Central	G	Water	X				1	
TMW-28 (820-25831-5)						6/22/26	16:45 Central	G	Water	X				1	
TMW-11 (820-25831-6)						6/22/26	18:15 Central	G	Water	X				1	
TMW-12 (820-25831-7)						6/22/26	19:40 Central	G	Water	X				1	
DUP-05 (820-25831-8)						6/22/26	Central	G	Water	X				1	
TMW-08 (820-25831-9)						6/23/26	09:35 Central	G	Water	X				1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to Eurofins Environment Testing South Central, LLC.															
Possible Hazard Identification															
Unconfirmed															
Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2 _____															
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____															
Relinquished By: _____ Date/Time: _____ Company: _____ Received By: _____ Date/Time: _____ Company: _____															
Relinquished by: _____ Date/Time: _____ Company: _____ Received By: _____ Date/Time: _____ Company: _____															
Cooler Temperature(s) °C and Other Remarks: _____															
Custody Seals Intact: _____ Custody Seal No.: _____															
Δ Yes Δ No															

Eurofins | [Feedback](#)

6701 Aberdeen Ave. Suite 8

Phone: 806-794-1296

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)						Sampler	Lab PM:	Carrier Tracking No(s):	IOC No:					
Client Contact:						N/A	Kramer, Jessica	N/A	820-12113.2					
Shipping/Receiving						Phone:	E-Mail:	State of Origin:	Page:					
Company:						N/A	Jessica.Kramer@et.eurofins.com	Texas	Page 2 of 3					
Eurofins Environment Testing South Cent						Accreditations Required (See note):			Job #:					
Address:						NEIAP - Texas			820-25831-1					
City:						Analysis Requested			Preservation Codes:					
1211 W. Florida Ave.														
Midland														
State, Zip:														
TX, 79701														
Phone:														
432-704-5440(Tel)														
Email:														
N/A														
Project Name:														
Apache - EBDU 37														
Site:														
SSOW#:														
N/A														
Sample Identification - Client ID (Lab ID)						Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (In-house, S-Solid, O-Osmotic, BT-Tissue, A-Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFMM_28DChloride	Total Number of containers	Special Instructions/Note:
TMW-04 (820-25831-10)						6/23/26	11:00 Central	G	Water	X			1	
TMW-02 (820-25831-11)						6/23/26	12:35 Central	G	Water		X		1	
TMW-07 (820-25831-12)						6/23/26	14:10 Central	G	Water		X		1	
TMW-37 (820-25831-13)						6/23/26	16:20 Central	G	Water		X		1	
TMW-18 (820-25831-14)						6/23/26	17:45 Central	G	Water		X		1	
TMW-06 (820-25831-15)						6/23/26	19:30 Central	G	Water		X		1	
DUP-06 (820-25831-16)						6/23/26	Central	G	Water		X		1	
DUP-03 (820-25831-17)						6/23/26	Central	G	Water		X		1	
TMW-05 (820-25831-18)						6/24/26	08:25 Central	G	Water		X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client
☐ Disposal By Lab
☐ Archive For _____ Months

Eurofine 1 ribbok

6701 Aberdeen Ave. Suite 8

LUBBOCK, TX 79424
Phone: 806-794-1296

Chain of Custody Record



Environment Tactica

[illegible]

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-25831-1

SDG Number: AR25P108

Login Number: 25831

List Number: 1

Creator: Guillen, Kyrstin

List Source: Eurofins Lubbock

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").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-25831-1

SDG Number: AR25P108

Login Number: 25831**List Number: 2****Creator: Marrero, Misleydis****List Source: Eurofins Houston****List Creation: 06/26/26 11:21 AM**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-25831-1

SDG Number: AR25P108

Login Number: 25831**List Number: 3****Creator: Dyal, Erica****List Source: Eurofins Midland****List Creation: 06/29/26 09:23 AM**

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.	N/A	
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").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Austin Worley
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 7/1/2026 10:28:17 AM

JOB DESCRIPTION

Apache - EBDU 37
AR25P108

JOB NUMBER

820-25835-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

Eurofins Lubbock

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.

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
7/1/2026 10:28:17 AM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Laboratory Job ID: 820-25835-1
SDG: AR25P108

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: Terracon Consulting Eng & Scientists
Project: Apache - EBDU 37

Job ID: 820-25835-1

Job ID: 820-25835-1

Eurofins Lubbock

Job Narrative 820-25835-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 6/25/2026 9:17 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 5.5°C.

HPLC/IC

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 880-145016 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 880-145017 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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.

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-16

Lab Sample ID: 820-25835-1

Date Collected: 06/22/26 09:20

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		2.50		mg/L			06/30/26 05:00	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	322		10.0		mg/L			06/26/26 18:49	1

Client Sample ID: TMW-44

Lab Sample ID: 820-25835-2

Date Collected: 06/22/26 10:42

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		2.50		mg/L			06/30/26 05:15	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	758		10.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-21

Lab Sample ID: 820-25835-3

Date Collected: 06/22/26 12:13

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	292		2.50		mg/L			06/30/26 05:31	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	922		10.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-22

Lab Sample ID: 820-25835-4

Date Collected: 06/22/26 13:18

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		2.50		mg/L			06/30/26 05:46	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	921		10.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-24

Lab Sample ID: 820-25835-5

Date Collected: 06/22/26 14:28

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253		5.00		mg/L			06/30/26 06:32	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1080		10.0		mg/L			06/26/26 15:32	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-20

Lab Sample ID: 820-25835-6

Date Collected: 06/22/26 15:45

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	301		2.50		mg/L			06/30/26 06:47	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1030		10.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-46

Lab Sample ID: 820-25835-7

Date Collected: 06/22/26 17:23

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	282		2.50		mg/L			06/30/26 07:03	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1000		10.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-41

Lab Sample ID: 820-25835-8

Date Collected: 06/22/26 18:50

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	573		5.00		mg/L			06/30/26 07:18	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1490		20.0		mg/L			06/26/26 15:32	1

Client Sample ID: DUP-02

Lab Sample ID: 820-25835-9

Date Collected: 06/22/26 00:00

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	314		2.50		mg/L			06/30/26 07:33	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	973		10.0		mg/L			06/26/26 15:32	1

Client Sample ID: DUP-04

Lab Sample ID: 820-25835-10

Date Collected: 06/22/26 00:00

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279	F1	2.50		mg/L			06/30/26 07:49	5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1010		10.0		mg/L			06/26/26 18:49	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-30

Lab Sample ID: 820-25835-11

Date Collected: 06/23/26 07:25

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	592		5.00		mg/L			06/30/26 08:35	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1680		20.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-43

Lab Sample ID: 820-25835-12

Date Collected: 06/23/26 08:55

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	787		5.00		mg/L			06/30/26 08:50	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1870		20.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-42

Lab Sample ID: 820-25835-13

Date Collected: 06/23/26 10:20

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	807		10.0		mg/L			06/30/26 09:36	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1900		20.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-23

Lab Sample ID: 820-25835-14

Date Collected: 06/23/26 11:45

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		10.0		mg/L			06/30/26 09:51	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2080		40.0		mg/L			06/26/26 18:49	1

Client Sample ID: TMW-19

Lab Sample ID: 820-25835-15

Date Collected: 06/23/26 13:28

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	712		5.00		mg/L			06/30/26 10:07	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1680		20.0		mg/L			06/26/26 15:32	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-13

Lab Sample ID: 820-25835-16

Date Collected: 06/23/26 14:45

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		10.0		mg/L			06/30/26 10:22	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2860		40.0		mg/L			06/26/26 18:49	1

Client Sample ID: TMW-45

Lab Sample ID: 820-25835-17

Date Collected: 06/23/26 16:12

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		10.0		mg/L			06/30/26 10:37	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3260		40.0		mg/L			06/26/26 18:49	1

Client Sample ID: TMW-33

Lab Sample ID: 820-25835-18

Date Collected: 06/23/26 17:15

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2090		25.0		mg/L			06/30/26 10:53	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4130		40.0		mg/L			06/26/26 18:49	1

Client Sample ID: TMW-40

Lab Sample ID: 820-25835-19

Date Collected: 06/23/26 18:35

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1930		10.0		mg/L			06/30/26 11:08	20

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3640		40.0		mg/L			06/26/26 15:32	1

Client Sample ID: Windmill

Lab Sample ID: 820-25835-20

Date Collected: 06/23/26 19:08

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	787	F1	5.00		mg/L			06/30/26 13:11	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1690		20.0		mg/L			06/26/26 15:32	1

Eurofins Lubbock

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: DUP-01

Lab Sample ID: 820-25835-21

Date Collected: 06/23/26 00:00

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	790		5.00		mg/L			06/30/26 13:57	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1540		20.0		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-31

Lab Sample ID: 820-25835-22

Date Collected: 06/24/26 07:00

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3490		25.0		mg/L			06/30/26 14:12	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5690		100		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-17

Lab Sample ID: 820-25835-23

Date Collected: 06/24/26 08:17

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5590		25.0		mg/L			06/30/26 14:27	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	9830		100		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-34

Lab Sample ID: 820-25835-24

Date Collected: 06/24/26 09:37

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6340		25.0		mg/L			06/30/26 14:42	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	9850		100		mg/L			06/26/26 15:32	1

Client Sample ID: TMW-36

Lab Sample ID: 820-25835-25

Date Collected: 06/24/26 10:55

Matrix: Water

Date Received: 06/25/26 09:17

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4850		25.0		mg/L			06/30/26 15:28	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	9440		100		mg/L			06/26/26 15:32	1

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-145016/3

Matrix: Water

Analysis Batch: 145016

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			06/30/26 03:28	1

Lab Sample ID: LCS 880-145016/4

Matrix: Water

Analysis Batch: 145016

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	27.01		mg/L		108	90 - 110

Lab Sample ID: LCSD 880-145016/5

Matrix: Water

Analysis Batch: 145016

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	27.04		mg/L		108	90 - 110	0	20

Lab Sample ID: 820-25835-10 MS

Matrix: Water

Analysis Batch: 145016

Client Sample ID: DUP-04

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	279	F1	125	445.5	F1	mg/L		133	90 - 110

Lab Sample ID: 820-25835-10 MSD

Matrix: Water

Analysis Batch: 145016

Client Sample ID: DUP-04

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	279	F1	125	446.1	F1	mg/L		134	90 - 110	0	20

Lab Sample ID: MB 880-145017/3

Matrix: Water

Analysis Batch: 145017

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			06/30/26 12:25	1

Lab Sample ID: LCS 880-145017/4

Matrix: Water

Analysis Batch: 145017

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	26.14		mg/L		105	90 - 110

Lab Sample ID: LCSD 880-145017/5

Matrix: Water

Analysis Batch: 145017

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	26.16		mg/L		105	90 - 110	0	20

Eurofins Lubbock

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 820-25835-20 MS

Matrix: Water

Analysis Batch: 145017

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	787	F1	250	1081	F1	mg/L		118	90 - 110

Lab Sample ID: 820-25835-20 MSD

Matrix: Water

Analysis Batch: 145017

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	787	F1	250	1081	F1	mg/L		118	90 - 110	0	20

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

Lab Sample ID: MB 860-337128/1

Matrix: Water

Analysis Batch: 337128

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			06/26/26 15:32	1

Lab Sample ID: LCS 860-337128/2

Matrix: Water

Analysis Batch: 337128

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	971.0		mg/L		97	80 - 120

Lab Sample ID: MB 860-337129/1

Matrix: Water

Analysis Batch: 337129

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			06/26/26 15:32	1

Lab Sample ID: LCS 860-337129/2

Matrix: Water

Analysis Batch: 337129

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	1032		mg/L		103	80 - 120

Lab Sample ID: MB 860-337212/1

Matrix: Water

Analysis Batch: 337212

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			06/26/26 18:49	1

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

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

Lab Sample ID: LCS 860-337212/2						Client Sample ID: Lab Control Sample						
Matrix: Water						Prep Type: Total/NA						
Analysis Batch: 337212												
Analyte				Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids				1000	1007		mg/L		101	80 - 120		

Lab Sample ID: 820-25835-1 DU						Client Sample ID: TMW-16						
Matrix: Water						Prep Type: Total/NA						
Analysis Batch: 337212												
Analyte	Sample Result	Sample Qualifier			DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	322				348.0		mg/L				8	10

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

HPLC/IC

Analysis Batch: 145016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25835-1	TMW-16	Total/NA	Water	300.0	
820-25835-2	TMW-44	Total/NA	Water	300.0	
820-25835-3	TMW-21	Total/NA	Water	300.0	
820-25835-4	TMW-22	Total/NA	Water	300.0	
820-25835-5	TMW-24	Total/NA	Water	300.0	
820-25835-6	TMW-20	Total/NA	Water	300.0	
820-25835-7	TMW-46	Total/NA	Water	300.0	
820-25835-8	TMW-41	Total/NA	Water	300.0	
820-25835-9	DUP-02	Total/NA	Water	300.0	
820-25835-10	DUP-04	Total/NA	Water	300.0	
820-25835-11	TMW-30	Total/NA	Water	300.0	
820-25835-12	TMW-43	Total/NA	Water	300.0	
820-25835-13	TMW-42	Total/NA	Water	300.0	
820-25835-14	TMW-23	Total/NA	Water	300.0	
820-25835-15	TMW-19	Total/NA	Water	300.0	
820-25835-16	TMW-13	Total/NA	Water	300.0	
820-25835-17	TMW-45	Total/NA	Water	300.0	
820-25835-18	TMW-33	Total/NA	Water	300.0	
820-25835-19	TMW-40	Total/NA	Water	300.0	
MB 880-145016/3	Method Blank	Total/NA	Water	300.0	
LCS 880-145016/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-145016/5	Lab Control Sample Dup	Total/NA	Water	300.0	
820-25835-10 MS	DUP-04	Total/NA	Water	300.0	
820-25835-10 MSD	DUP-04	Total/NA	Water	300.0	

Analysis Batch: 145017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25835-20	Windmill	Total/NA	Water	300.0	
820-25835-21	DUP-01	Total/NA	Water	300.0	
820-25835-22	TMW-31	Total/NA	Water	300.0	
820-25835-23	TMW-17	Total/NA	Water	300.0	
820-25835-24	TMW-34	Total/NA	Water	300.0	
820-25835-25	TMW-36	Total/NA	Water	300.0	
MB 880-145017/3	Method Blank	Total/NA	Water	300.0	
LCS 880-145017/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-145017/5	Lab Control Sample Dup	Total/NA	Water	300.0	
820-25835-20 MS	Windmill	Total/NA	Water	300.0	
820-25835-20 MSD	Windmill	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 337128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25835-2	TMW-44	Total/NA	Water	SM 2540C	
820-25835-3	TMW-21	Total/NA	Water	SM 2540C	
820-25835-5	TMW-24	Total/NA	Water	SM 2540C	
820-25835-8	TMW-41	Total/NA	Water	SM 2540C	
820-25835-9	DUP-02	Total/NA	Water	SM 2540C	
820-25835-11	TMW-30	Total/NA	Water	SM 2540C	
820-25835-12	TMW-43	Total/NA	Water	SM 2540C	
820-25835-13	TMW-42	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

General Chemistry (Continued)

Analysis Batch: 337128 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25835-15	TMW-19	Total/NA	Water	SM 2540C	
820-25835-19	TMW-40	Total/NA	Water	SM 2540C	
820-25835-20	Windmill	Total/NA	Water	SM 2540C	
820-25835-21	DUP-01	Total/NA	Water	SM 2540C	
820-25835-22	TMW-31	Total/NA	Water	SM 2540C	
820-25835-24	TMW-34	Total/NA	Water	SM 2540C	
820-25835-25	TMW-36	Total/NA	Water	SM 2540C	
MB 860-337128/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-337128/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 337129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25835-4	TMW-22	Total/NA	Water	SM 2540C	
820-25835-6	TMW-20	Total/NA	Water	SM 2540C	
820-25835-7	TMW-46	Total/NA	Water	SM 2540C	
820-25835-23	TMW-17	Total/NA	Water	SM 2540C	
MB 860-337129/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-337129/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 337212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-25835-1	TMW-16	Total/NA	Water	SM 2540C	
820-25835-10	DUP-04	Total/NA	Water	SM 2540C	
820-25835-14	TMW-23	Total/NA	Water	SM 2540C	
820-25835-16	TMW-13	Total/NA	Water	SM 2540C	
820-25835-17	TMW-45	Total/NA	Water	SM 2540C	
820-25835-18	TMW-33	Total/NA	Water	SM 2540C	
MB 860-337212/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-337212/2	Lab Control Sample	Total/NA	Water	SM 2540C	
820-25835-1 DU	TMW-16	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-16

Lab Sample ID: 820-25835-1

Date Collected: 06/22/26 09:20

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 05:00	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337212	06/26/26 18:49	AP	EET HOU

Client Sample ID: TMW-44

Lab Sample ID: 820-25835-2

Date Collected: 06/22/26 10:42

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 05:15	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-21

Lab Sample ID: 820-25835-3

Date Collected: 06/22/26 12:13

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 05:31	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-22

Lab Sample ID: 820-25835-4

Date Collected: 06/22/26 13:18

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 05:46	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337129	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-24

Lab Sample ID: 820-25835-5

Date Collected: 06/22/26 14:28

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	10 mL	10 mL	145016	06/30/26 06:32	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-20

Lab Sample ID: 820-25835-6

Date Collected: 06/22/26 15:45

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 06:47	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337129	06/26/26 15:32	AP	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-46

Lab Sample ID: 820-25835-7

Date Collected: 06/22/26 17:23

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 07:03	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337129	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-41

Lab Sample ID: 820-25835-8

Date Collected: 06/22/26 18:50

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	10 mL	10 mL	145016	06/30/26 07:18	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: DUP-02

Lab Sample ID: 820-25835-9

Date Collected: 06/22/26 00:00

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 07:33	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: DUP-04

Lab Sample ID: 820-25835-10

Date Collected: 06/22/26 00:00

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	10 mL	10 mL	145016	06/30/26 07:49	CS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	337212	06/26/26 18:49	AP	EET HOU

Client Sample ID: TMW-30

Lab Sample ID: 820-25835-11

Date Collected: 06/23/26 07:25

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	10 mL	10 mL	145016	06/30/26 08:35	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-43

Lab Sample ID: 820-25835-12

Date Collected: 06/23/26 08:55

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	10 mL	10 mL	145016	06/30/26 08:50	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-42

Lab Sample ID: 820-25835-13

Date Collected: 06/23/26 10:20

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	10 mL	10 mL	145016	06/30/26 09:36	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-23

Lab Sample ID: 820-25835-14

Date Collected: 06/23/26 11:45

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	10 mL	10 mL	145016	06/30/26 09:51	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337212	06/26/26 18:49	AP	EET HOU

Client Sample ID: TMW-19

Lab Sample ID: 820-25835-15

Date Collected: 06/23/26 13:28

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	10 mL	10 mL	145016	06/30/26 10:07	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-13

Lab Sample ID: 820-25835-16

Date Collected: 06/23/26 14:45

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	10 mL	10 mL	145016	06/30/26 10:22	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337212	06/26/26 18:49	AP	EET HOU

Client Sample ID: TMW-45

Lab Sample ID: 820-25835-17

Date Collected: 06/23/26 16:12

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	10 mL	10 mL	145016	06/30/26 10:37	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337212	06/26/26 18:49	AP	EET HOU

Client Sample ID: TMW-33

Lab Sample ID: 820-25835-18

Date Collected: 06/23/26 17:15

Matrix: Water

Date Received: 06/25/26 09:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50	10 mL	10 mL	145016	06/30/26 10:53	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337212	06/26/26 18:49	AP	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-40

Date Collected: 06/23/26 18:35

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25835-19

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	300.0		20	10 mL	10 mL	145016	06/30/26 11:08	CS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: Windmill

Date Collected: 06/23/26 19:08

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25835-20

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	300.0		10	10 mL	10 mL	145017	06/30/26 13:11	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: DUP-01

Date Collected: 06/23/26 00:00

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25835-21

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	300.0		10	10 mL	10 mL	145017	06/30/26 13:57	CS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-31

Date Collected: 06/24/26 07:00

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25835-22

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	300.0		50	10 mL	10 mL	145017	06/30/26 14:12	CS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-17

Date Collected: 06/24/26 08:17

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25835-23

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	300.0		50	10 mL	10 mL	145017	06/30/26 14:27	CS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	337129	06/26/26 15:32	AP	EET HOU

Client Sample ID: TMW-34

Date Collected: 06/24/26 09:37

Date Received: 06/25/26 09:17

Lab Sample ID: 820-25835-24

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	300.0		50	10 mL	10 mL	145017	06/30/26 14:42	CS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Eurofins Lubbock

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Client Sample ID: TMW-36
Date Collected: 06/24/26 10:55
Date Received: 06/25/26 09:17

Lab Sample ID: 820-25835-25
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	300.0		50	10 mL	10 mL	145017	06/30/26 15:28	CS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	337128	06/26/26 15:32	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU

Protocol References:

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Apache - EBDU 37

Job ID: 820-25835-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-25835-1	TMW-16	Water	06/22/26 09:20	06/25/26 09:17	Texas
820-25835-2	TMW-44	Water	06/22/26 10:42	06/25/26 09:17	Texas
820-25835-3	TMW-21	Water	06/22/26 12:13	06/25/26 09:17	Texas
820-25835-4	TMW-22	Water	06/22/26 13:18	06/25/26 09:17	Texas
820-25835-5	TMW-24	Water	06/22/26 14:28	06/25/26 09:17	Texas
820-25835-6	TMW-20	Water	06/22/26 15:45	06/25/26 09:17	Texas
820-25835-7	TMW-46	Water	06/22/26 17:23	06/25/26 09:17	Texas
820-25835-8	TMW-41	Water	06/22/26 18:50	06/25/26 09:17	Texas
820-25835-9	DUP-02	Water	06/22/26 00:00	06/25/26 09:17	Texas
820-25835-10	DUP-04	Water	06/22/26 00:00	06/25/26 09:17	Texas
820-25835-11	TMW-30	Water	06/23/26 07:25	06/25/26 09:17	Texas
820-25835-12	TMW-43	Water	06/23/26 08:55	06/25/26 09:17	Texas
820-25835-13	TMW-42	Water	06/23/26 10:20	06/25/26 09:17	Texas
820-25835-14	TMW-23	Water	06/23/26 11:45	06/25/26 09:17	Texas
820-25835-15	TMW-19	Water	06/23/26 13:28	06/25/26 09:17	Texas
820-25835-16	TMW-13	Water	06/23/26 14:45	06/25/26 09:17	Texas
820-25835-17	TMW-45	Water	06/23/26 16:12	06/25/26 09:17	Texas
820-25835-18	TMW-33	Water	06/23/26 17:15	06/25/26 09:17	Texas
820-25835-19	TMW-40	Water	06/23/26 18:35	06/25/26 09:17	Texas
820-25835-20	Windmill	Water	06/23/26 19:08	06/25/26 09:17	Texas
820-25835-21	DUP-01	Water	06/23/26 00:00	06/25/26 09:17	Texas
820-25835-22	TMW-31	Water	06/24/26 07:00	06/25/26 09:17	Texas
820-25835-23	TMW-17	Water	06/24/26 08:17	06/25/26 09:17	Texas
820-25835-24	TMW-34	Water	06/24/26 09:37	06/25/26 09:17	Texas
820-25835-25	TMW-36	Water	06/24/26 10:55	06/25/26 09:17	Texas

[illegible]

Eurofins Lubbock
6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking Not(s): N/A	COC No: 820-12113-1
Client Contact:		Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas	Page: Page 1 of 3
Shipping/Receiving		Accreditations Required (See note): NELAP - Texas		Lab #: 820-25835-1	
Company: Eurofins Environment Testing South Cent		Due Date Requested: 7/1/2026		Preservation Codes:	
Address: 1211 W. Florida Ave.		TAT Requested (days): N/A		Analysis Requested	
City: Midland		State, Zip: TX, 79701		PO #: N/A	
Phone: 432-704-5440(Te)		WO #: N/A		Project #: 82000284	
Email: N/A		SSOW#: N/A		Other: N/A	
Project Name: Apache - EBDU 37		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
Site: N/A		300_ORGFM_28DChloride		Total Number of containers	
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grat)	Matrix (W=water, S=solid, O=oil, M=mud, A=air)
TMW-16 (820-25835-1)	6/22/26	09:20	Central	G	Water
TMW-44 (820-25835-2)	6/22/26	10:42	Central	G	Water
TMW-21 (820-25835-3)	6/22/26	12:13	Central	G	Water
TMW-22 (820-25835-4)	6/22/26	13:18	Central	G	Water
TMW-24 (820-25835-5)	6/22/26	14:28	Central	G	Water
TMW-20 (820-25835-6)	6/22/26	15:45	Central	G	Water
TMW-46 (820-25835-7)	6/22/26	17:23	Central	G	Water
TMW-41 (820-25835-8)	6/22/26	18:50	Central	G	Water
DUP-02 (820-25835-9)	6/22/26		Central	G	Water
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/methods being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2					
Empty Kit Relinquished by: Date: Time: Method of Shipment: Special Instructions/QC Requirements: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Disposal By Lab Archive For Months					
Relinquished by: Date: Time: Company: Received by: Date: Time: Company: Cooler Temperature(s) °C and Other Remarks:					
Custody Seals Intact: Δ Yes Δ No Custody Seal No.: Company: Date: Time: Company:					

Eurofins Lubbock
6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab P#: Kramer, Jessica		Carrier Tracking No(s):	COC No: 820-12113.2
Client Contact:	N/A	Phone:	E-Mail: Jessica.Kramer@el.eurofins.com		State of Origin: Texas	Page: Page 2 of 3
Shipping/Receiving	N/A	Company:	Accreditations Required (See note): NEAP - Texas		Lab #:	820-25835-1
Eurofins Environment Testing South Cent		Due Date Requested:	Analysis Requested		Preservation Codes:	
Address:	1211 W. Florida Ave.	7/1/2026				
City:	Midland	TAT Requested (days):	N/A			
State, Zip:	TX, 79701	PO #:				
Phone:	432-704-5440(Tel)	WO #:				
Email:	N/A	Project #:				
Project Name:	Apache - EBDU 37	SSOW#: 82000284				
Site:	N/A	Other:				
Sample Identification - Client ID (Lab ID)						
DUP-04 (820-25835-10)	6/22/26	Central	G	Water	X	1
TMW-30 (820-25835-11)	6/23/26	Central	G	Water	X	1
TMW-43 (820-25835-12)	6/23/26	Central	G	Water	X	1
TMW-42 (820-25835-13)	6/23/26	Central	G	Water	X	1
TMW-23 (820-25835-14)	6/23/26	Central	G	Water	X	1
TMW-19 (820-25835-15)	6/23/26	Central	G	Water	X	1
TMW-13 (820-25835-16)	6/23/26	Central	G	Water	X	1
TMW-45 (820-25835-17)	6/23/26	Central	G	Water	X	1
TMW-33 (820-25835-18)	6/23/26	Central	G	Water	X	1
Possible Hazard Identification						
Unconfirmed						
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2						
Empty Kit/Relinquished by: Date: 6/25/26 17W Company: Received by: EQ Date/Time: 6/26/26 800 Company:						
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:						
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:						
Custody Seals Intact: Δ Yes Δ No Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:						

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Eurofins Lubbock
6701 Aberdeen Ave. Suite 8
Lubbock, TX 79424
Phone: 806-794-1296

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:	Lab Pk:	Carrier Tracking No(s):	COC No:					
Client Contact:		N/A	Kramer, Jessica	N/A	820-12113.3					
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:					
Company:		N/A	Jessica.Kramer@eurofins.com	Texas	Page 3 of 3					
Eurofins Environment Testing South Cent		Accreditations Required (See note):		Job #:						
Address:		NEAP - Texas		820-25835-1						
City:		Due Date Requested:	Preservation Codes:							
Midland		7/1/2026								
State, Zip:		TAT Requested (days):	Analysis Requested							
TX, 79701		N/A								
Phone:		PO #:								
432-704-5440(Tel)		N/A								
Email:		WO #:								
N/A		N/A								
Project Name:		Project #:								
Apache - EBDU 37		82000284								
Site:		SSOV#:								
N/A		N/A								
Other:										
N/A										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Organic, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28DChloride	Total Number of containers	Special Instructions/Note:
TMW-40 (820-25835-19)	6/23/26	18:35	Central	G	Water		X		1	
Windmill (820-25835-20)	6/23/26	19:08	Central	G	Water		X		1	
DUP-01 (820-25835-21)	6/23/26		Central	G	Water		X		1	
TMW-31 (820-25835-22)	6/24/26	07:00	Central	G	Water		X		1	
TMW-17 (820-25835-23)	6/24/26	08:17	Central	G	Water		X		1	
TMW-34 (820-25835-24)	6/24/26	09:37	Central	G	Water		X		1	
TMW-36 (820-25835-25)	6/24/26	10:55	Central	G	Water		X		1	
Possible Hazard Identification										
Unconfirmed										
Deliverable Requested: I, II, III, IV, Other (specify): Primary Deliverable Rank: 2										
Empty Vial Relinquished by: Date: Time: Method of Shipment:										
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:										
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:										
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:										
Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:										
Δ Yes Δ No										

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-25835-1

SDG Number: AR25P108

Login Number: 25835

List Number: 1

Creator: Guillen, Kyrstin

List Source: Eurofins Lubbock

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").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-25835-1

SDG Number: AR25P108

Login Number: 25835

List Number: 2

Creator: Marrero, Misleydis

List Source: Eurofins Houston

List Creation: 06/26/26 11:20 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-25835-1

SDG Number: AR25P108

Login Number: 25835

List Number: 4

Creator: Torrez, Lisandra

List Source: Eurofins Houston

List Creation: 06/29/26 09:33 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-25835-1

SDG Number: AR25P108

Login Number: 25835

List Number: 3

Creator: Dyal, Erica

List Source: Eurofins Midland

List Creation: 06/29/26 09:23 AM

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.	N/A	
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").	N/A	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 616077

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:
	873
	Action Number:
	616077
Action Type:	
[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)	

CONDITIONS

Created By	Condition	Condition Date
bhall	Accepted for record. Apache must submit a Stage I Abatement Plan within 60 days of the date of ORDER NO. R-24491 (CASE NO. 26126) issued on 8/13/2026. A Stage II Abatement Plan may be submitted with the Stage I Abatement Plan.	9/9/2026