



Table 2
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)
TMW-1	3414.57	9/23/2019		46.18	3368.39
TMW-1	3414.57	12/26/2019		48.90	3365.67
TMW-1	3414.57	9/30/2020		49.31	3365.26
TMW-1	3414.57	12/7/2020		49.42	3365.15
TMW-1	3414.57	3/11/2021		49.41	3365.16
TMW-1	3414.57	6/10/2021		49.67	3364.9
TMW-1	3414.57	10/11/2021		50.90	3363.67
TMW-1	3414.57	12/22/2021		49.95	3364.62
TMW-1	3414.57	3/1/2022		49.92	3364.65
TMW-1	3414.57	5/23/2022		50.25	3364.32
TMW-1	3414.57	8/16/2022		50.64	3363.93
TMW-1	3414.57	12/15/2022		50.18	3364.39
TMW-1	3414.57	3/14/2023		50.16	3364.41
TMW-1	3414.57	6/22/2023		47.09	3367.48
TMW-1	3414.57	9/6/2023		50.31	3364.26
TMW-1	3414.57	12/21/2023		50.27	3364.3
TMW-1	3414.57	3/14/2024		50.14	3364.43
TMW-1	3414.57	10/23/2024	65.85	51.09	3363.48
TMW-1	3414.57	11/6/2024	65.66	51.12	3363.45
TMW-1	3414.57	2/3/2025	68.58	50.67	3363.90
TMW-1	3414.52	8/28/2025		50.81	3363.71
TMW-1	3414.52	12/3/2025	65.1	50.84	3363.68
TMW-2	3424.16	9/23/2019		55.80	3368.36
TMW-2	3424.16	12/26/2019		57.50	3366.66
TMW-2	3424.16	9/30/2020		58.01	3366.15
TMW-2	3424.16	12/7/2020		58.08	3366.08
TMW-2	3424.16	3/11/2021		58.00	3366.16
TMW-2	3424.16	6/10/2021		58.12	3366.04
TMW-2	3424.16	10/11/2021		58.54	3365.62
TMW-2	3424.16	12/22/2021		58.50	3365.66
TMW-2	3424.16	3/1/2022		58.48	3365.68
TMW-2	3424.16	5/23/2022		58.62	3365.54
TMW-2	3424.16	8/16/2022		58.98	3365.18
TMW-2	3424.16	12/15/2022		58.76	3365.40
TMW-2	3424.16	3/14/2023		58.70	3365.46
TMW-2	3424.16	6/22/2023		58.27	3365.89
TMW-2	3424.16	9/6/2023		59.05	3365.11
TMW-2	3424.16	12/21/2023		58.95	3365.21
TMW-2	3424.16	3/14/2024		58.86	3365.30
TMW-2	3424.16	10/23/2024	70.85	59.55	3364.61
TMW-2	3424.16	2/3/2025	69.58	59.28	3364.88
TMW-2	3424.27	8/28/2025		59.63	3364.64
TMW-2	3424.27	12/3/2025	69.5	59.40	3364.87



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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)
TWM-3	3423.21	9/30/2020		57.62	3365.59
TWM-3	3423.21	12/7/2020		57.68	3365.53
TWM-3	3423.21	3/11/2021		57.59	3365.62
TWM-3	3423.21	6/10/2021		57.90	3365.31
TWM-3	3423.21	10/11/2021		58.31	3364.90
TWM-3	3423.21	12/22/2021		58.18	3365.03
TWM-3	3423.21	3/1/2022		58.14	3365.07
TWM-3	3423.21	5/23/2022		58.41	3364.80
TWM-3	3423.21	8/16/2022		58.87	3364.34
TWM-3	3423.21	12/15/2022		58.44	3364.77
TWM-3	3423.21	3/14/2023		58.36	3364.85
TWM-3	3423.21	6/22/2023		57.53	3365.68
TWM-3	3423.21	9/6/2023		58.85	3364.36
TWM-3	3423.21	12/21/2023		58.61	3364.60
TWM-3	3423.21	3/14/2024		58.47	3364.74
TWM-3	3423.21	10/23/2024	71.29	59.35	3363.86
TMW-3	3423.21	2/3/2025	67.72	58.97	3364.24
TMW-3	3423.30	8/28/2025		59.44	3363.86
TMW-3	3423.30	12/3/2025	67.2	59.10	3364.20
TMW-4	3423.19	9/30/2020		57.39	3365.80
TMW-4	3423.19	12/7/2020		57.45	3365.74
TMW-4	3423.19	3/11/2021		57.40	3365.79
TMW-4	3423.19	6/10/2021		57.60	3365.59
TMW-4	3423.19	10/11/2021		57.99	3365.20
TMW-4	3423.19	12/22/2021		57.90	3365.29
TMW-4	3423.19	3/1/2022		57.87	3365.32
TMW-4	3423.19	3/29/2022		57.89	3365.30
TMW-4	3423.19	5/23/2022		58.05	3365.14
TMW-4	3423.19	8/16/2022		58.48	3364.71
TMW-4	3423.19	12/15/2022		58.15	3365.04
TMW-4	3423.19	3/14/2023		58.07	3365.12
TMW-4	3423.19	6/22/2023		57.28	3365.91
TMW-4	3423.19	9/6/2023		58.45	3364.74
TMW-4	3423.19	12/20/2023		58.31	3364.88
TMW-4	3423.19	3/14/2024		58.19	3365.00
TMW-4	3423.19	10/23/2024	73.25	57.61	3365.58
TMW-4	3423.19	2/3/2025	71.74	58.65	3364.54
TMW-4	3423.15	8/28/2025		59.00	3364.15
TMW-4	3423.15	12/3/2025	71.5	58.78	3364.37



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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)
TMW-5	3421.86	12/15/2022		57.91	3363.95
TMW-5	3421.86	3/14/2023		57.27	3364.59
TMW-5	3421.86	6/22/2023		55.63	3366.23
TMW-5	3421.86	9/6/2023		57.63	3364.23
TMW-5	3421.86	12/20/2023		57.49	3364.37
TMW-5	3421.86	3/14/2024		57.55	3364.31
TMW-5	3421.86	10/23/2024	78.59	58.20	3363.66
TMW-5	3421.86	2/3/2025	78.59	57.85	3364.01
TMW-5	3421.91	8/28/2025		58.18	3363.73
TMW-5	3421.91	12/3/2025	78.6	58.00	3363.91
TMW-6	3426.55	12/15/2022		62.17	3364.38
TMW-6	3426.55	3/14/2023		62.08	3364.47
TMW-6	3426.55	6/22/2023		61.41	3365.14
TMW-6	3426.55	9/6/2023		61.95	3364.60
TMW-6	3426.55	12/20/2023		61.88	3364.67
TMW-6	3426.55	3/14/2024		61.79	3364.76
TMW-6	3426.55	10/23/2024	72.1	62.29	3364.26
TMW-6	3426.55	2/3/2025	71.72	62.18	3364.37
TMW-6	3426.67	8/28/2025		62.50	3364.17
TMW-6	3426.67	12/3/2025	71.2	62.34	3364.33
TMW-7	3425.93	6/19/2023		60.35	3365.58
TMW-7	3425.93	6/22/2023		63.34	3362.59
TMW-7	3425.93	9/6/2023		60.98	3364.95
TMW-7	3425.93	12/20/2023		60.91	3365.02
TMW-7	3425.93	3/14/2024		60.81	3365.12
TMW-7	3425.93	10/23/2024	83.85	61.25	3364.68
TMW-7	3425.93	2/3/2025	83.95	61.22	3364.71
TMW-7	3426.09	8/28/2025		61.54	3364.55
TMW-7	3426.09	12/3/2025	84	61.37	3364.72
TMW-8	3420.08	6/20/2023		54.04	3366.04
TMW-8	3420.08	6/22/2023		54.02	3366.06
TMW-8	3420.08	9/6/2023		55.39	3364.69
TMW-8	3420.08	12/20/2023		55.23	3364.85
TMW-8	3420.08	3/14/2024		55.12	3364.96
TMW-8	3420.08	10/23/2024	76.55	55.59	3364.49
TMW-8	3420.08	2/3/2025	75.73	55.59	3364.49
TMW-8	3420.22	8/28/2025		55.98	3364.24
TMW-8	3420.22	12/3/2025	75.7	55.70	3364.52



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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)
TMW-9	3417.49	6/21/2023		51.11	3366.38
TMW-9	3417.49	6/22/2023		51.14	3366.35
TMW-9	3417.49	9/6/2023		53.66	3363.83
TMW-9	3417.49	12/21/2023		53.55	3363.94
TMW-9	3417.49	3/14/2024		53.45	3364.04
TMW-9	3417.49	10/23/2024	71.9	54.36	3363.13
TMW-9	3417.49	2/3/2025	71.90	53.93	3363.56
TMW-9	3417.61	8/28/2025		54.25	3363.36
TMW-9	3417.61	12/3/2025	71.8	54.07	3363.54
TMW-10	3418.21	6/20/2023		51.57	3366.64
TMW-10	3418.21	6/22/2023		51.61	3366.60
TMW-10	3418.21	9/6/2023		54.21	3364.00
TMW-10	3418.21	12/21/2023		54.12	3364.09
TMW-10	3418.21	3/14/2024		54.02	3364.19
TMW-10	3418.21	10/23/2024	72.76	54.90	3363.31
TMW-10	3418.21	2/3/2025	72.32	54.50	3363.71
TMW-10	3418.34	8/28/2025		54.73	3363.61
TMW-10	3418.34	12/3/2025	72.4	54.64	3363.70
TMW-11	3424.35	12/21/2023		59.92	3364.43
TMW-11	3424.35	3/14/2024		58.85	3365.50
TMW-11	3424.35	10/23/2024	76.75	59.50	3364.85
TMW-11	3424.35	2/3/2025	78.99	59.29	3365.06
TMW-11	3424.44	8/28/2025		59.70	3364.74
TMW-11	3424.44	12/3/2025	78.86	59.50	3364.94
TMW-12	3427.22	12/21/2023		61.65	3365.57
TMW-12	3427.22	3/14/2024		61.57	3365.65
TMW-12	3427.22	10/23/2024	85.73	62.00	3365.22
TMW-12	3427.22	2/3/2025	81.97	61.94	3365.28
TMW-12	3427.26	8/28/2025		62.23	3365.03
TMW-12	3427.26	12/3/2025	84.4	62.14	3365.12
TMW-13	3428.98	12/20/2023		63.75	3365.23
TMW-13	3428.98	3/14/2024		63.68	3365.30
TMW-13	3428.98	10/23/2024	86.67	64.07	3364.91
TMW-13	3428.98	2/3/2025	87.64	64.04	3364.94
TMW-13	3429.00	8/28/2025		64.32	3364.68
TMW-13	3429.00	12/3/2025	87.6	64.21	3364.79
TMW-14	3429.54	12/20/2023		65.02	3364.52
TMW-14	3429.54	3/14/2024		64.99	3364.55
TMW-14	3429.54	10/23/2024	88.64	65.35	3364.19
TMW-14	3429.54	2/3/2025	88.30	65.31	3364.23
TMW-14	3429.55	8/28/2025		65.61	3363.94
TMW-14	3429.55	12/3/2025	87.4	65.56	3363.99
TMW-15	3425.97	12/20/2023		61.79	3364.18
TMW-15	3425.97	3/14/2024		61.71	3364.26
TMW-15	3425.97	10/23/2024	83.14	62.19	3363.78
TMW-15	3425.97	2/3/2025	80.16	62.09	3363.88
TMW-15	3426.00	8/28/2025		62.41	3363.59
TMW-15	3426.00	12/3/2025	78.8	62.27	3363.73



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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)
TMW-16	3423.65	12/20/2023		60.19	3363.46
TMW-16	3423.65	3/14/2024		60.08	3363.57
TMW-16	3423.65	10/23/2024	84.82	60.74	3362.91
TMW-16	3423.65	2/3/2025	85.21	60.54	3363.11
TMW-16	3423.66	8/28/2025		60.92	3362.74
TMW-16	3423.66	12/3/2025	84.2	60.71	3362.95
TMW-17	3425.68	12/20/2023		61.56	3364.12
TMW-17	3425.68	3/14/2024		61.43	3364.25
TMW-17	3425.68	10/23/2024	84.68	62.05	3363.63
TMW-17	3425.68	2/3/2025	84.42	61.84	3363.84
TMW-17	3425.70	8/28/2025		62.18	3363.52
TMW-17	3425.70	12/3/2025	87.9	61.85	3363.85
TMW-18	3425.61	12/20/2023		62.15	3363.46
TMW-18	3425.61	3/14/2024		62.01	3363.60
TMW-18	3425.61	10/23/2024	88.57	62.55	3363.06
TMW-18	3425.61	2/3/2025	88.04	62.45	3363.16
TMW-18	3425.65	8/28/2025		62.78	3362.87
TMW-18	3425.65	12/3/2025	87.7	62.67	3362.98
TMW-19	3423.78	12/20/2023		60.92	3362.86
TMW-19	3423.78	3/14/2024		61.90	3361.88
TMW-19	3423.78	10/23/2024	83.5	61.35	3362.43
TMW-19	3423.78	11/5/2024	83.64	61.42	3362.36
TMW-19	3423.78	2/3/2025	83.56	61.26	3362.52
TMW-19	3423.88	8/28/2025		61.58	3362.30
TMW-19	3423.88	12/3/2025	84	61.48	3362.40
TMW-20	3429.34	12/20/2023		65.26	3364.08
TMW-20	3429.34	3/14/2024		65.21	3364.13
TMW-20	3429.34	10/23/2024	77.5	65.59	3363.75
TMW-20	3429.34	2/3/2025	78.06	65.55	3363.79
TMW-20	3429.33	8/28/2025		65.85	3363.48
TMW-20	3429.33	12/3/2025	77.8	65.78	3363.55
TMW-21	3432.20	12/20/2023		67.31	3364.89
TMW-21	3432.20	3/14/2024		67.29	3364.91
TMW-21	3432.20	10/23/2024	74.22	67.52	3364.68
TMW-21	3432.20	11/6/2024	74.76	67.57	3364.63
TMW-21	3432.20	2/3/2025	74.20	67.56	3364.64
TMW-21	3432.13	8/28/2025		67.79	3364.34
TMW-21	3432.13	12/3/2025	74.2	67.78	3364.35
TMW-22	3434.17	12/20/2023		68.86	3365.31
TMW-22	3434.17	3/14/2024		68.85	3365.32
TMW-22	3434.17	10/23/2024	73.01	69.06	3365.11
TMW-22	3434.17	2/3/2025	73.02	69.08	3365.09
TMW-22	3434.23	8/28/2025		69.31	3364.92
TMW-22	3434.23	12/3/2025	73.0	69.30	3364.93
TMW-23	3424.23	12/20/2023		61.51	3362.72
TMW-23	3424.23	3/14/2024		61.39	3362.84
TMW-23	3424.23	10/23/2024	72.34	61.91	3362.32
TMW-23	3424.23	2/3/2025	72.20	61.89	3362.34
TMW-23	3424.25	8/28/2025		62.16	3362.09
TMW-23	3424.25	12/3/2025	72.5	62.11	3362.14



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TMW-24	3421.74	12/20/2023		59.41	3362.33
TMW-24	3421.74	3/14/2024		59.28	3362.46
TMW-24	3421.74	10/23/2024	63.02	59.83	3361.91
TMW-24	3421.74	11/5/2024	63.23	59.89	3361.85
TMW-24	3421.74	2/3/2025	63.19	59.79	3361.95
TMW-24	3421.75	8/28/2025		60.08	3361.67
TMW-24	3421.75	12/3/2025	63.2	60.01	3361.74
TMW-27	3425.25	8/28/2025		61.19	3364.06
TMW-27	3425.25	12/3/2025	90.2	61.01	3364.24
TMW-28	3427.14	8/28/2025		61.38	3365.76
TMW-28	3427.14	12/3/2025	88.8	61.19	3365.95
TMW-30	3424.94	8/28/2025		62.40	3362.54
TMW-30	3424.94	12/3/2025	88.4	62.65	3362.29
TMW-31	3425.41	8/28/2025		62.17	3363.24
TMW-31	3425.41	12/4/2025	88.3	62.01	3363.40
TMW-33	3430.65	8/28/2025		66.13	3364.52
TMW-33	3430.65	12/4/2025	89.1	66.12	3364.53
TMW-34	3425.76	8/28/2025		62.05	3363.71
TMW-34	3425.76	12/3/2025	89.9	61.87	3363.89
TMW-36	3424.97	8/28/2025		61.80	3363.17
TMW-36	3424.97	12/4/2025	88.5	61.68	3363.29
TMW-37	3426.35	8/28/2025		63.11	3363.24
TMW-37	3426.35	12/3/2025	88.8	63.01	3363.34
TMW-40	3423.99	8/28/2025		61.75	3362.24
TMW-40	3423.99	12/3/2025	88.5	61.65	3362.34
TMW-41	3430.30	8/28/2025		64.86	3365.44
TMW-41	3430.30	12/4/2025	90.0	64.83	3365.47
TMW-42	3429.40	8/28/2025		64.30	3365.10
TMW-42	3429.40	12/3/2025	90.3	64.21	3365.19
TMW-43	3422.58	8/28/2025		60.43	3362.15
TMW-43	3422.58	12/3/2025	88.3	60.29	3362.29
TMW-44	3428.92	8/28/2025		66.03	3362.89
TMW-44	3428.92	12/3/2025	93.5	65.97	3362.95
TMW-45	3422.08	8/28/2025		60.51	3361.57
TMW-45	3422.08	12/3/2025	92.7	60.38	3361.70
TMW-46	3424.73	8/28/2025		62.61	3362.12
TMW-46	3424.73	12/3/2025	97.1	62.52	3362.21

NAVD '88 = North American Vertical Datum of 1988

TOC = Top of Casing

Well location and top of casing resurveyed 8/25/25

Table 3

Groundwater Analytical Summary (Chloride/TDS/Barium)

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

NWWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-1	1	09/23/2019	37.4	400	--	Low-Flow
TMW-1	1	12/26/2019	21.1	390	--	Low-Flow
TMW-1	1	09/30/2020	22.6	390	--	Low-Flow
TMW-1	1	12/07/2020	13.1	383	--	Low-Flow
TMW-1	1	03/11/2021	10.9	360	--	Low-Flow
TMW-1	1	06/10/2021	14.5	360	--	Low-Flow
TMW-1	1	10/11/2021	17.5	358	--	Low-Flow
TMW-1	1	12/22/2021	10.3	391	--	Low-Flow
TMW-1	1	03/01/2022	13.2	343	--	Low-Flow
TMW-1	1	05/23/2022	26.0	369	--	Low-Flow
TMW-1	1	08/16/2022	50.3	404	--	Low-Flow
TMW-1	1	12/15/2022	21.4	216	--	Low-Flow
TMW-1	1	03/14/2023	41.9	358	--	Low-Flow
TMW-1	1	06/22/2023	275	845	--	Low-Flow
TMW-1	1	09/06/2023	277	830	--	Low-Flow
TMW-1	1	12/21/2023	156	662	--	Low-Flow
TMW-1	1	03/14/2024	136	551	--	Low-Flow
TMW-1	1	05/02/2024	--	--	0.445	Low-Flow
TMW-1	1	11/06/2024	128	632	0.285	Low-Flow
TMW-1	1	02/04/2025	133	714		Low-Flow
TMW-1	1	08/27/2025	110	593	0.351	Low-Flow
TMW-1	1	12/04/2025	56	405	--	Low-Flow
TMW-2	2	09/23/2019	338	1,220	--	Low-Flow
TMW-2	2	12/26/2019	307	1,170	--	Low-Flow
TMW-2	2	09/30/2020	314	1,040	--	Low-Flow
TMW-2	2	12/07/2020	298	1,050	--	Low-Flow
TMW-2	2	03/11/2021	293	1,000	--	Low-Flow
TMW-2	2	06/10/2021	267	1,050	--	Low-Flow
TMW-2	2	10/11/2021	263	1,030	--	Low-Flow
TMW-2	2	12/22/2021	284	1,270	--	Low-Flow
TMW-2	2	03/01/2022	282	1,030	--	Low-Flow
TMW-2	2	03/01/2022	297	1,010	--	Duplicate
TMW-2	2	05/23/2022	256	1,070	--	Low-Flow
TMW-2	2	08/16/2022	239	940	--	Low-Flow
TMW-2	2	12/15/2022	195	985	--	Low-Flow
TMW-2	2	03/14/2023	211	1,060	--	Low-Flow
TMW-2	2	06/22/2023	248	1,120	--	Low-Flow
TMW-2	2	09/06/2023	270	1,050	--	Low-Flow
TMW-2	2	12/21/2023	264	1,100	--	Low-Flow
TMW-2	2	12/21/2023	265	1,010	--	Duplicate
TMW-2	2	03/14/2024	249	992	--	Low-Flow
TMW-2	2	10/24/2024	276	1,020	--	Hydrasleeve
TMW-2	2	02/05/2025	258	1,250		Low-Flow
TMW-2	2	08/13/2025	279	996	0.036	Low-Flow
TMW-2	2	12/04/2025	256	991	--	Low-Flow

Table 3
Groundwater Analytical Summary (Chloride/TDS/Barium)
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-3	3	09/23/2019	--	--	--	Low-Flow
TMW-3	3	12/26/2019	--	--	--	Low-Flow
TMW-3	3	09/30/2020	212	891	--	Low-Flow
TMW-3	3	12/07/2020	214	948	--	Low-Flow
TMW-3	3	03/11/2021	213	900	--	Low-Flow
TMW-3	3	06/10/2021	180	934	--	Low-Flow
TMW-3	3	10/11/2021	192	967	--	Low-Flow
TMW-3	3	12/22/2021	211	949	--	Low-Flow
TMW-3	3	03/01/2022	233	944	--	Low-Flow
TMW-3	3	05/23/2022	202	955	--	Low-Flow
TMW-3	3	08/16/2022	245	1,100	--	Low-Flow
TMW-3	3	12/15/2022	175	808	--	Low-Flow
TMW-3	3	03/14/2023	233	940	--	Low-Flow
TMW-3	3	06/22/2023	229	1,020	--	Low-Flow
TMW-3	3	09/06/2023	240	1,010	--	Low-Flow
TMW-3	3	12/21/2023	242	1,020	--	Low-Flow
TMW-3	3	03/14/2024	234	959		Low-Flow
TMW-3	3	03/14/2024	328	986	--	Duplicate
TMW-3	3	05/02/2024	--	--	0.0299	Low-Flow
TMW-3	3	11/06/2024	183	889	0.952	Hydrasleeve
TMW-3	3	02/06/2025	254	1,170	--	Low-Flow
TMW-3	3	02/06/2025	213	1,090	--	HydraSleeve (Duplicate)
TMW-3	3	08/18/2025	279	953	0.041	Low-Flow
TMW-3	3	12/04/2025	269	966	--	Low-Flow
TMW-4	4	09/23/2019	--	--	--	Low-Flow
TMW-4	4	12/26/2019	--	--	--	Low-Flow
TMW-4	4	09/30/2020	1,020	2,040	--	Low-Flow
TMW-4	4	12/07/2020	987	2,300	--	Low-Flow
TMW-4	4	03/11/2021	834	1,960	--	Low-Flow
TMW-4	4	06/11/2021	745	1,990	--	Low-Flow
TMW-4	4	10/11/2021	689	1,990	--	Low-Flow
TMW-4	4	12/22/2021	735	2,180	--	Low-Flow
TMW-4	4	03/01/2022	1,610	2,080	--	Low-Flow
TMW-4	4	03/29/2022	547	1,930	--	Duplicate
TMW-4	4	05/23/2022	522	1,930	--	Low-Flow
TMW-4	4	08/16/2022	684	2,000	--	Low-Flow
TMW-4	4	12/15/2022	486	1,940	--	Low-Flow
TMW-4	4	03/14/2023	703	1,850	--	Low-Flow
TMW-4	4	06/22/2023	673	1,900	--	Low-Flow
TMW-4	4	09/06/2023	625	1,810	--	Low-Flow
TMW-4	4	12/20/2023	598	1,750	--	Low-Flow
TMW-4	4	03/14/2024	580	1,750	--	Low-Flow
TMW-4	4	10/24/2024	612	1,760	--	Hydrasleeve
TMW-4	4	02/06/2025	569	2,100		Low-Flow
TMW-4	4	08/14/2025	585	2,020	0.034	Low-Flow
TMW-4	4	12/10/2025	559	1,640	--	Low-Flow

Table 3
Groundwater Analytical Summary (Chloride/TDS/Barium)
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-5	5	12/15/2022	1,170	4,950	--	Low-Flow
TWM-5	5	12/15/2022	1,410	4,520	--	Duplicate
TMW-5	5	03/14/2023	2,890	5,200	--	Low-Flow
TMW-5	5	06/22/2023	2,790	5,380	--	Low-Flow
TMW-5	5	09/06/2023	2,700	4,590	--	Low-Flow
TWM-5	5	09/06/2023	3,030	5,850	--	Duplicate
TMW-5	5	12/20/2023	2,320	4,250	--	Low-Flow
TWM-5	5	12/21/2023	265	1,010	--	Duplicate
TMW-5	5	03/14/2024	2,980	5,360	--	Low-Flow
TWM-5	5	03/14/2024	328	986	--	Duplicate
TWM-5	5	03/15/2024	1,330	2,530	--	Duplicate
TMW-5	5	10/24/2024	3,990	10,200	--	Hydrasleeve
TMW-5	5	02/06/2025	3,010	7,580		Low-Flow
TMW-5	5	08/14/2025	2,890	7,610	0.189	Low-Flow
TMW-5 (dup)	5	02/06/2025	2,120	5,280		HydraSleeve (Duplicate)
TMW-5	5	12/11/2025	3,180	8,250	--	Low-Flow
TMW-6	6	12/15/2022	941	3,160	--	Low-Flow
TMW-6	6	03/14/2023	2,270	3,200	--	Low-Flow
TMW-6	6	06/22/2023	1,550	3,260	--	Low-Flow
TMW-6	6	09/06/2023	1,630	2,820	--	Low-Flow
TMW-6	6	12/20/2023	1,570	3,070	--	Low-Flow
TMW-6	6	03/14/2024	1,500	3,280	--	Low-Flow
TMW-6	6	10/24/2024	1,330	11,700	--	Hydrasleeve
TMW-6	6	02/06/2025	1,520	4,220		Low-Flow
TMW-6	6	08/25/2025	1,590	3,690	0.050	Low-Flow
TMW-6	6	12/09/2025	1,750	3,980	--	Low-Flow
TMW-7	7	06/22/2023	1,770	3,980	--	Low-Flow
TMW-7	7	09/06/2023	1,870	3,880	--	Low-Flow
TMW-7	7	12/20/2023	1,770	3,720	--	Low-Flow
TMW-7	7	03/14/2024	1,740	3,690	--	Low-Flow
TMW-7	7	10/24/2024	1,100	3,020		Hydrasleeve
TMW-7	7	02/06/2025	1,030	3,110		Low-Flow
TMW-7	7	08/20/2025	880	2,500	0.033	Low-Flow
TMW-7	7	12/11/2025	900	1,980	--	Low-Flow
TMW-7	7	12/11/2025	874	1,980	--	Duplicate (DUP-04)
TMW-8	8	06/22/2023	974	2,410	--	Low-Flow
TMW-8	8	09/06/2023	1,130	2,470	--	Low-Flow
TMW-8	8	12/20/2023	709	1,840	--	Low-Flow
TMW-8	8	03/14/2024	655	1,830	--	Low-Flow
TMW-8	8	10/24/2024	570	1,680		Hydrasleeve
TMW-8	8	02/05/2025	457	1,890		Low-Flow
TMW-8	8	08/20/2025	442	1,390	0.063	Low-Flow
TMW-8	8	12/09/2025	414	1,400	--	Low-Flow

Table 3
Groundwater Analytical Summary (Chloride/TDS/Barium)
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-9	9	06/22/2023	18	373	--	Low-Flow
TMW-9	9	09/06/2023	41.8	390	--	Low-Flow
TMW-9	9	12/21/2023	37.3	404	--	Low-Flow
TMW-9	9	03/12/2024	29.3	373	--	Low-Flow
TMW-9	9	10/24/2024	65.5	493		Hydrasleeve
TMW-9	9	02/04/2025	64.1	536		Low-Flow
TMW-9	9	08/18/2025	343	1,320	0.519	Low-Flow
TMW-9	9	12/08/2025	63	480	--	Low-Flow
TMW-10	10	06/22/2023	9.89	525	--	Low-Flow
TMW-10	10	09/06/2023	67.0	514	--	Low-Flow
TMW-10	10	12/21/2023	114	666	--	Low-Flow
TMW-10	10	03/14/2024	17.0	405	--	Low-Flow
TMW-10	10	10/24/2024	208	1,030		Hydrasleeve
TMW-10	10	02/06/2025	108	688		Low-Flow
TMW-10	10	08/18/2025	194	1,000	0.100	Low-Flow
TMW-10	10	12/04/2025	212	797	--	Low-Flow
TMW-11	11	12/21/2023	350	1,190	--	Low-Flow
TMW-11	11	03/14/2024	318	1,090	--	Low-Flow
TMW-11	11	10/24/2024	423	1,310	--	Hydrasleeve
TMW-11	11	02/05/2025	347	1,550		Low-Flow
TMW-11	11	08/12/2025	380	1,550	0.036	Low-Flow
TMW-11	11	12/09/2025	368	1,280	--	Low-Flow
TMW-11	11	12/09/2025	371	1,300	--	Duplicate (DUP-02)
TMW-12	12	12/21/2023	463	1,520	--	Low-Flow
TMW-12	12	03/14/2024	448	1,390	--	Low-Flow
TMW-12	12	10/24/2024	458	1,520	--	Hydrasleeve
TMW-12	12	02/05/2025	443	1,800		Low-Flow
TMW-12	12	08/13/2025	443	1,320	0.037	Low-Flow
TMW-12	12	12/08/2025	439	1,350	--	Low-Flow
TMW-13	13	12/20/2023	1,730	3,680	--	Low-Flow
TMW-13	13	03/14/2024	1,690	3,480	--	Low-Flow
TMW-13	13	10/24/2024	1,580	3,650	--	Hydrasleeve
TMW-13	13	02/06/2025	1,480	4,210		Low-Flow
TMW-13	13	08/21/2025	1,620	3,480	0.056	Low-Flow
TMW-13	13	12/09/2025	1,890	3,660	--	Low-Flow
TMW-14	14	12/20/2023	2,500	5,140	--	Low-Flow
TMW-14	14	03/15/2024	1,810	2,820	--	Low-Flow
TMW-14	14	03/15/2024	1,330	2,530	--	Duplicate
TMW-14	14	10/24/2024	7,790	14,500	--	Hydrasleeve
TMW-14	14	02/06/2025	2,410	6,240		Low-Flow
TMW-14	14	08/26/2025	1,770	4,680	0.097	Low-Flow
TMW-14	14	12/11/2025	2,630	5,770	--	Low-Flow

Table 3
Groundwater Analytical Summary (Chloride/TDS/Barium)
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-15	15	12/20/2023	2,120	3,870	--	Low-Flow
TMW-15	15	03/15/2024	2,160	3,400	--	Low-Flow
TMW-15	15	10/24/2024	7,160	14,400	--	Hydrasleeve
TMW-15	15	02/06/2025	1,060	3,010		Low-Flow
TMW-15	15	08/21/2025	2,190	4,430	0.116	Low-Flow
TMW-15	15	12/09/2025	3,060	6,720	--	Low-Flow
TMW-16	16	12/20/2023	85.5	495	--	Low-Flow
TMW-16	16	03/15/2024	43.0	380	--	Low-Flow
TMW-16	16	10/24/2024	171	919	--	Hydrasleeve
TMW-16	16	02/04/2025	46.9	507		Low-Flow
TMW-16	16	08/19/2025	811	2,260	0.167	Low-Flow
TMW-16	16	12/11/2025	23	391	--	Low-Flow
TMW-17	17	12/20/2023	5,850	10,300	--	Low-Flow
TMW-17	17	12/20/2023	5,830	10,300	--	Duplicate
TMW-17	17	03/15/2024	5,680	8,930	--	Low-Flow
TMW-17	17	11/05/2024	14,900	24,900	--	Low-Flow
TMW-17	17	02/05/2025	7,120	13,300	0.259	Low-Flow
TMW-17 (dup)	17	02/05/2025	6,980	--	--	Low-Flow Sample (dup)
TMW-17	17	08/27/2025	5,700	11,600	0.230	Low-Flow
TMW-17	17	12/11/2025	5,500	10,600	--	Low-Flow
TMW-18	18	12/20/2023	2,050	6,430	--	Low-Flow
TMW-18	18	03/15/2024	908	1,650	--	Low-Flow
TMW-18	18	10/24/2024	7,820	15,200	--	Hydrasleeve
TMW-18	18	02/06/2025	1,390	3,960	--	Low-Flow
TMW-18	18	08/25/2025	1,330	3,310	0.080	Low-Flow
TMW-18	18	12/09/2025	1,640	3,400	--	Low-Flow
TMW-19	19	12/20/2023	927	1,860	--	Low-Flow
TMW-19	19	03/15/2024	553	1,070	--	Low-Flow
TMW-19	19	11/05/2024	907	2,390	--	Low-Flow
TMW-19	19	02/04/2025	792	2,330		Low-Flow
TMW-19	19	08/20/2025	808	2,440	0.139	Low-Flow
TMW-19	19	12/11/2025	799	2,020	--	Low-Flow
TMW-20	20	12/20/2023	287	927	--	Low-Flow
TMW-20	20	03/15/2024	385	937	--	Low-Flow
TMW-20	20	10/24/2024	312	1,070	--	Hydrasleeve
TMW-20	20	02/04/2025	295	1,140		Low-Flow
TMW-20	20	08/20/2025	302	1,100	0.045	Low-Flow
TMW-20	20	12/08/2025	302	1,030	--	Low-Flow
TMW-21	21	12/20/2023	262	885	--	Low-Flow
TMW-21	21	03/15/2024	310	902	--	Low-Flow
TMW-21	21	05/02/2024	--	--	0.0471	Low-Flow
TMW-21	21	11/06/2024	284	1,040	0.048	Low-Flow
TMW-21	21	02/04/2025	268	1,070		Low-Flow
TMW-21	21	08/19/2025	269	1,060	0.051	Low-Flow
TMW-21	21	12/04/2025	273	1,020	--	Low-Flow

Table 3
Groundwater Analytical Summary (Chloride/TDS/Barium)
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-22	22	12/20/2023	270	939	--	Low-Flow
TMW-22	22	03/15/2024	342	918	--	Low-Flow
TMW-22	22	10/24/2024	289	1,080	--	Hydrasleeve
TMW-22	22	02/04/2025	272	1,090		Low-Flow
TMW-22	22	08/20/2025	278	1,090	0.043	Low-Flow
TMW-22	22	12/08/2025	276	1,030	--	Low-Flow
TMW-23	23	12/20/2023	895	1,980	--	Low-Flow
TMW-23	23	03/15/2024	1,020	2,020	--	Low-Flow
TMW-23	23	10/24/2024	1,010	3,270	--	Hydrasleeve
TMW-23	23	02/04/2025	993	3,280		Low-Flow
TMW-23	23	08/20/2025	951	2,130	0.0649	Low-Flow
TMW-23	23	12/11/2025	1,070	2,930	--	Low-Flow
TMW-24	24	12/20/2023	271	1,050	--	Low-Flow
TMW-24	24	03/15/2024	330	1,060	--	Low-Flow
TMW-24	24	10/28/2024	330	1,060	--	Low-Flow
TMW-24	24	11/05/2024	293	1,110	--	Low-Flow Sample (Dup)
TMW-24	24	02/04/2025	272	1,290		Low-Flow
TMW-24	24	08/19/2025	273	999	0.0239	Low-Flow
TMW-24	24	12/08/2025	276	1,040	--	Low-Flow
TMW-24	24	12/08/2025	276	1,050	--	Low-Flow Duplicate (DUP-01)
TMW-27	27	08/14/2025	3,880	7,780	0.123	Low-Flow
TMW-27	27	12/11/2025	5,500	10,600	--	Low-Flow
TMW-28	28	08/13/2025	325	1,200	0.0586	Low-Flow
TMW-28	28	08/13/2025	325	1,010	0.0478	Duplicate
TMW-28	28	12/08/2025	294	1,010	--	Low-Flow
TMW-30	30	08/25/2025	1,010	2,340	0.07	Low-Flow
TMW-30	30	08/25/2025	1,110	n/a	n/a	Duplicate
TMW-30	30	12/11/2025	762	1,680	--	Low-Flow
TMW-31	31	08/21/2025	2,950	6,460	0.226	Low-Flow
TMW-31	31	08/21/2025	2,970	6,740	0.215	Duplicate
TMW-31	31	12/11/2025	3,500	8,520	--	Low-Flow
TMW-31	31	12/11/2025	3,560	8,660	--	Duplicate (DUP-05)
TMW-33	33	08/21/2025	2,330	5,340	0.0907	Low-Flow
TMW-33	33	08/21/2025	2,360	4,910	0.113	Duplicate
TMW-33	33	12/11/2025	2,220	3,800	--	Low-Flow
TMW-34	34	08/26/2025	6,930	14,500	0.237	Low-Flow
TMW-34	34	12/12/2025	7,260	13,600	--	Low-Flow
TMW-36	36	08/27/2025	6,550	15,000	0.292	Low-Flow
TMW-36	36	12/12/2025	6,000	11,700	--	Low-Flow
TMW-37	37	08/25/2025	1,370	3,440	0.109	Low-Flow
TMW-37	37	08/25/2025	1,500	n/a	n/a	Duplicate
TMW-37	37	12/09/2025	1,730	3,440	--	Low-Flow
TMW-40	40	08/20/2025	440	1,470	0.0817	Low-Flow
TMW-40	40	12/09/2025	1,280	3,380	--	Low-Flow

Table 3
Groundwater Analytical Summary (Chloride/TDS/Barium)
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NWWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
TMW-41	41	08/11/2025	729	1,970	0.0664	Low-Flow
TMW-41	41	08/11/2025	923	2,840	0.0625	Duplicate
TMW-41	41	12/10/2025	561	1,580	--	Low-Flow
TMW-42	42	08/11/2025	1,320	3,290	0.0553	Low-Flow
TMW-42	42	12/11/2025	845	1,990	--	Low-Flow
TMW-43	43	08/19/2025	606	1,620	0.322	Low-Flow
TMW-43	43	12/10/2025	940	2,550	--	Low-Flow
TMW-44	44	08/19/2025	191	803	0.068	Low-Flow
TMW-44	44	12/04/2025	190	790	--	Low-Flow
TMW-45	45	08/21/2025	1,370	3,720	0.478	Low-Flow
TMW-45	45	08/21/2025	1,500	3,810	0.203	Duplicate
TMW-45	45	12/09/2025	1,640	3,170	--	Low-Flow
TMW-46	46	08/21/2025	455	1,580	0.0953	Low-Flow
TMW-46	46	08/21/2025	470	1,740	0.0744	Duplicate
TMW-46	46	12/10/2025	304	1,170	--	Low-Flow

Table 3
Groundwater Analytical Summary (Chloride/TDS/Barium)
EBDU #37, Lea County, New Mexico
Terracon Project No. AR25P108

NMWQCC Standard:			**250	**1,000	2*	
Sample Location	Sort	Sample Collected Date	Chloride (mg/L)	TDS (mg/L)	Barium (mg/L)	Sample Notes
Windmill	47	08/01/2019	232	732	--	Grab
Windmill	47	09/23/2019	--	--	--	Grab
Windmill	47	12/26/2019	259	688	--	Grab
Windmill	47	09/30/2020	274	730	--	Grab
Windmill	47	09/30/2020	276	794	--	Duplicate
Windmill	47	12/07/2020	287	930	--	Grab
Windmill	47	12/07/2020	278	908	--	Duplicate
Windmill	47	03/11/2021	252	745	--	Grab
Windmill	47	03/11/2021	259	798	--	Duplicate
Windmill	47	06/10/2021	255	781	--	Grab
Windmill	47	06/10/2021	256	781	--	Duplicate
Windmill	47	10/11/2021	251	800	--	Grab
Windmill	47	10/11/2021	250	830	--	Duplicate
Windmill	47	12/22/2021	246	751	--	Grab
Windmill	47	12/22/2021	243	796	--	Duplicate
Windmill	47	03/03/2022	256	828	--	Grab
Windmill	47	03/03/2022	491	787	--	Duplicate
Windmill	47	05/23/2022	222	738	--	Grab
Windmill	47	05/23/2022	215	729	--	Duplicate
Windmill	47	08/16/2022	256	1,190	--	Grab
Windmill	47	08/16/2022	283	1,120	--	Duplicate
Windmill	47	12/15/2022	198	508	--	Grab
Windmill	47	03/14/2023	401	1,130	--	Grab
Windmill	47	03/14/2023	413	1,130	--	Duplicate
Windmill	47	06/22/2023	276	852	--	Grab
Windmill	47	06/22/2023	273	855	--	Duplicate
Windmill	47	09/07/2023	350	981	--	Grab
Windmill	47	12/20/2023	409	1,010	--	Grab
Windmill	47	03/14/2024	471	1,080	--	Grab
Windmill	47	04/03/2024	--	--	2.18	Grab
Windmill	47	05/02/2024	--	--	0.22	Grab
Windmill	47	10/28/2024	540	2,030	--	Grab
Windmill	47	02/05/2025	486	1,900	0.24	Grab
Windmill	47	02/05/2025	523	--	--	Duplicate (Dup 2)
Windmill	47	08/20/2025	612	1,910	0.269	Grab
Windmill	47	12/10/2025	705	2,050	--	Grab
Windmill	47	12/10/2025	712	1,800	--	Duplicate (DUP-03)

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



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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/11/2025 3:37:59 PM

JOB DESCRIPTION

EBDU 37
AR25P108

JOB NUMBER

820-22412-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424



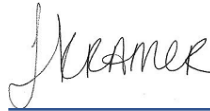
Eurofins Lubbock

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
12/11/2025 3:37:59 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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

Laboratory Job ID: 820-22412-1
SDG: AR25P108

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Definitions/Glossary

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

Job ID: 820-22412-1
SDG: AR25P108

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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: EBDU 37

Job ID: 820-22412-1

Job ID: 820-22412-1

Eurofins Lubbock

Job Narrative 820-22412-1

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 12/5/2025 2:30 PM. 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 7.5°C.

HPLC/IC

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

General Chemistry

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

Eurofins Lubbock



Client Sample Results

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

Job ID: 820-22412-1
 SDG: AR25P108

Client Sample ID: TMW-01

Lab Sample ID: 820-22412-1

Date Collected: 12/04/25 10:25

Matrix: Water

Date Received: 12/05/25 14:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.0		0.500		mg/L			12/09/25 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	405		10.0		mg/L			12/10/25 12:04	1

Client Sample ID: TMW-44

Lab Sample ID: 820-22412-2

Date Collected: 12/04/25 11:45

Matrix: Water

Date Received: 12/05/25 14:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		0.500		mg/L			12/09/25 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	790		10.0		mg/L			12/10/25 12:04	1

Client Sample ID: TMW-03

Lab Sample ID: 820-22412-3

Date Collected: 12/04/25 13:05

Matrix: Water

Date Received: 12/05/25 14:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		0.500		mg/L			12/09/25 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	966		10.0		mg/L			12/10/25 12:04	1

Client Sample ID: TMW-02

Lab Sample ID: 820-22412-4

Date Collected: 12/04/25 14:00

Matrix: Water

Date Received: 12/05/25 14:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	256		0.500		mg/L			12/09/25 11:04	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	991		10.0		mg/L			12/10/25 12:04	1

Client Sample ID: TMW-10

Lab Sample ID: 820-22412-5

Date Collected: 12/04/25 14:50

Matrix: Water

Date Received: 12/05/25 14:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		0.500		mg/L			12/09/25 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	797		10.0		mg/L			12/10/25 12:04	1

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Client Sample Results

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

Job ID: 820-22412-1
SDG: AR25P108

Client Sample ID: TMW-21

Lab Sample ID: 820-22412-6

Date Collected: 12/04/25 16:15

Matrix: Water

Date Received: 12/05/25 14:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	273		0.500		mg/L			12/09/25 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1020		10.0		mg/L			12/10/25 12:04	1

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QC Sample Results

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

Job ID: 820-22412-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-280729/3
 Matrix: Water
 Analysis Batch: 280729

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			12/09/25 09:47	1

Lab Sample ID: LCS 860-280729/4
 Matrix: Water
 Analysis Batch: 280729

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.46		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-280729/5
 Matrix: Water
 Analysis Batch: 280729

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	10.0	10.49		mg/L		105	90 - 110	0	20

Lab Sample ID: LLCS 860-280729/7
 Matrix: Water
 Analysis Batch: 280729

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6328		mg/L		127	50 - 150

Lab Sample ID: 820-22412-6 MS
 Matrix: Water
 Analysis Batch: 280729

Client Sample ID: TMW-21
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	273		10.0	283.3	4	mg/L		99	90 - 110

Lab Sample ID: 820-22412-6 MSD
 Matrix: Water
 Analysis Batch: 280729

Client Sample ID: TMW-21
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	273		10.0	283.0	4	mg/L		96	90 - 110	0	15

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

Lab Sample ID: MB 860-281084/1
 Matrix: Water
 Analysis Batch: 281084

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			12/10/25 12:04	1

QC Sample Results

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

Job ID: 820-22412-1
SDG: AR25P108

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

Lab Sample ID: LCS 860-281084/2
Matrix: Water
Analysis Batch: 281084

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	972.0		mg/L		97	80 - 120

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QC Association Summary

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

Job ID: 820-22412-1
SDG: AR25P108

HPLC/IC

Analysis Batch: 280729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22412-1	TMW-01	Total/NA	Water	300.0	
820-22412-2	TMW-44	Total/NA	Water	300.0	
820-22412-3	TMW-03	Total/NA	Water	300.0	
820-22412-4	TMW-02	Total/NA	Water	300.0	
820-22412-5	TMW-10	Total/NA	Water	300.0	
820-22412-6	TMW-21	Total/NA	Water	300.0	
MB 860-280729/3	Method Blank	Total/NA	Water	300.0	
LCS 860-280729/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-280729/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-280729/7	Lab Control Sample	Total/NA	Water	300.0	
820-22412-6 MS	TMW-21	Total/NA	Water	300.0	
820-22412-6 MSD	TMW-21	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 281084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22412-1	TMW-01	Total/NA	Water	SM 2540C	
820-22412-2	TMW-44	Total/NA	Water	SM 2540C	
820-22412-3	TMW-03	Total/NA	Water	SM 2540C	
820-22412-4	TMW-02	Total/NA	Water	SM 2540C	
820-22412-5	TMW-10	Total/NA	Water	SM 2540C	
820-22412-6	TMW-21	Total/NA	Water	SM 2540C	
MB 860-281084/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-281084/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 820-22412-1
 SDG: AR25P108

Client Sample ID: TMW-01

Lab Sample ID: 820-22412-1

Date Collected: 12/04/25 10:25

Matrix: Water

Date Received: 12/05/25 14:30

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		1			280729	12/09/25 10:17	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281084	12/10/25 12:04	AP	EET HOU

Client Sample ID: TMW-44

Lab Sample ID: 820-22412-2

Date Collected: 12/04/25 11:45

Matrix: Water

Date Received: 12/05/25 14:30

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		1			280729	12/09/25 10:28	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281084	12/10/25 12:04	AP	EET HOU

Client Sample ID: TMW-03

Lab Sample ID: 820-22412-3

Date Collected: 12/04/25 13:05

Matrix: Water

Date Received: 12/05/25 14:30

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		1			280729	12/09/25 10:52	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281084	12/10/25 12:04	AP	EET HOU

Client Sample ID: TMW-02

Lab Sample ID: 820-22412-4

Date Collected: 12/04/25 14:00

Matrix: Water

Date Received: 12/05/25 14:30

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		1			280729	12/09/25 11:04	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281084	12/10/25 12:04	AP	EET HOU

Client Sample ID: TMW-10

Lab Sample ID: 820-22412-5

Date Collected: 12/04/25 14:50

Matrix: Water

Date Received: 12/05/25 14:30

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		1			280729	12/09/25 11:15	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281084	12/10/25 12:04	AP	EET HOU

Client Sample ID: TMW-21

Lab Sample ID: 820-22412-6

Date Collected: 12/04/25 16:15

Matrix: Water

Date Received: 12/05/25 14:30

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		1			280729	12/09/25 11:27	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281084	12/10/25 12:04	AP	EET HOU

Laboratory References:

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

Eurofins Lubbock

Accreditation/Certification Summary

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

Job ID: 820-22412-1
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

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Method Summary

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

Job ID: 820-22412-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
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



Sample Summary

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

Job ID: 820-22412-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-22412-1	TMW-01	Water	12/04/25 10:25	12/05/25 14:30	Texas
820-22412-2	TMW-44	Water	12/04/25 11:45	12/05/25 14:30	Texas
820-22412-3	TMW-03	Water	12/04/25 13:05	12/05/25 14:30	Texas
820-22412-4	TMW-02	Water	12/04/25 14:00	12/05/25 14:30	Texas
820-22412-5	TMW-10	Water	12/04/25 14:50	12/05/25 14:30	Texas
820-22412-6	TMW-21	Water	12/04/25 16:15	12/05/25 14:30	Texas

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22412

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820-22412 Chain of Custody



Laboratory:
Eurofins
6701 Aberdeen
Lubbock, Texas 79424

Phone:
(806) 794-1296

Contact:
Jessica Kramer

Office Location
Lubbock, Texas

Project Manager
John Grams

Sampler's Name
Zach Mueller

Sampler's Signature
Zach Mueller

Project Name
EBDU 37

Matrix	Date	Time	Project Number		Identifying Marks of Sample(s)	No. Type of Containers	
			AR25P108	EBDU 37		250 ml Poly	500 ml Poly
GW	12/4/2025	10:25	X		TMW-01	1	1
GW	12/4/2025	11:45	X		TMW-44	1	1
GW	12/4/2025	13:05	X		TMW-03	1	1
GW	12/4/2025	14:00	X		TMW-02	1	1
GW	12/4/2025	14:50	X		TMW-10	1	1
GW	12/4/2025	16:15	X		TMW-21	1	1

NFE

ANALYSIS REQUESTED

Chloride (EPA Method 300)	X
Total Dissolved Solids (TDS)	X

DUE DATE:
TEMP OF COOLER
WHEN RECEIVED (°C)

Page 1 of 1

Matrix	Date	Time	Grab	Comp	Project Name	TRRP Laboratory Review Checklist	
						48-Hour Rush	24-Hour Rush
GW	12/4/2025	10:25	X		EBDU 37		
GW	12/4/2025	11:45	X		TMW-44		
GW	12/4/2025	13:05	X		TMW-03		
GW	12/4/2025	14:00	X		TMW-02		
GW	12/4/2025	14:50	X		TMW-10		
GW	12/4/2025	16:15	X		TMW-21		

TURNAROUND TIME	Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
	<i>Zach Mueller</i>	12-5-25	24:30	<i>Joynean Jex</i>	12/5/25	14:30

Matrix: W - Water; VOA - 40 ml vial; WW - Wastewater; A/G - Amber Glass, 1L; S - Soil; 250 ml - Glass wide mouth; L - Liquid; A - Air Bag; C - Charcoal tube; P/O - Plastic or other; Wipe

Bill To: Terracon

e-mail results to:
john.grams@terracon.com
austin.worley@terracon.com
zach.mueller@terracon.com

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

Responsive ■ Resourceful ■ Reliable

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)

Client Contract: N/A
Shipping/Receiving: N/A

Sampler: N/A
Phone: N/A

Lab Pk: Jessica Kramer
Email: Jessica.Kramer@et.eurofins.com

Carrier Tracking No(s): N/A
State of Origin: Texas

COG No: 820-11425.1
Page: 1 of 1

Company: Eurofins Environment Testing South Cent

Address: 4145 Greenbriar Dr
City: Stafford

Due Date Requested: 12/11/2025

TAT Requested (day/s): N/A

Analysis Requested

Job #: 820-22412-1
Preservation Codes:

State, Zip: TX, 77477

Phone: 281-240-4200(Tel)

Email: N/A

Project Name: EBDU 37

Site: N/A

Project #: 82000284

SSOW#: N/A

Sample Identification - Client ID (Lab ID)

Sample ID	Sample Date	Sample Time	Sample Type (G=Comp, G=grab)	Matrix (Synthetic, Seawater, Other)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of Containers	Special Instructions/Note
TMW-01 (820-22412-1)	12/4/25	10:25	G	Water		X	300_ORGFM_28DChloride	2	
TMW-44 (820-22412-2)	12/4/25	11:45	G	Water		X	2640C_Calcd	2	
TMW-03 (820-22412-3)	12/4/25	13:05	G	Water		X		2	
TMW-02 (820-22412-4)	12/4/25	14:00	G	Water		X		2	
TMW-10 (820-22412-5)	12/4/25	14:50	G	Water		X		2	
TMW-21 (820-22412-6)	12/4/25	16:15	G	Water		X		2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyze & accreditation compliance upon our sub-contract 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/method/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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
Special Instructions/QC Requirements:

Relinquished by: _____ Date: 12/5/25 12:00 Company: _____
Received by: _____ Date/Time: 12-6-25 10:04 Company: _____

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

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

Custody Seals Intact: Yes No Custody Seal No. _____ Cooler Temperature(s) °C and Other Remarks: 12-6-25 22°C

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22412-1

SDG Number: AR25P108

Login Number: 22412

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	

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22412-1

SDG Number: AR25P108

Login Number: 22412

List Number: 2

Creator: Grandits, Corey

List Source: Eurofins Houston

List Creation: 12/06/25 01:07 PM

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/16/2025 1:18:10 PM

JOB DESCRIPTION

EBDU 37
 AR25P108

JOB NUMBER

820-22493-1

Eurofins Lubbock
 6701 Aberdeen Ave.
 Suite 8
 Lubbock TX 79424



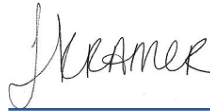
Eurofins Lubbock

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
12/16/2025 1:18:10 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If your report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory


· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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

Laboratory Job ID: 820-22493-1
SDG: AR25P108

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Definitions/Glossary

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

Job ID: 820-22493-1
SDG: AR25P108

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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: EBDU 37

Job ID: 820-22493-1

Job ID: 820-22493-1

Eurofins Lubbock

Job Narrative 820-22493-1

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 12/10/2025 2:20 PM. 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 3.7°C.

HPLC/IC

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

General Chemistry

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

Eurofins Lubbock



Client Sample Results

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

Job ID: 820-22493-1
 SDG: AR25P108

Client Sample ID: TMW-24

Lab Sample ID: 820-22493-1

Date Collected: 12/08/25 09:20

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		0.500		mg/L			12/15/25 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1040		10.0		mg/L			12/11/25 12:27	1

Client Sample ID: DUP-01

Lab Sample ID: 820-22493-2

Date Collected: 12/08/25 09:25

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		0.500		mg/L			12/15/25 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1050		10.0		mg/L			12/11/25 12:27	1

Client Sample ID: TMW-22

Lab Sample ID: 820-22493-3

Date Collected: 12/08/25 10:40

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		0.500		mg/L			12/15/25 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1030		10.0		mg/L			12/11/25 12:27	1

Client Sample ID: TMW-20

Lab Sample ID: 820-22493-4

Date Collected: 12/08/25 11:25

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	302		0.500		mg/L			12/15/25 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1030		10.0		mg/L			12/11/25 12:27	1

Client Sample ID: TMW-28

Lab Sample ID: 820-22493-5

Date Collected: 12/08/25 12:20

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	294		0.500		mg/L			12/15/25 18:11	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1010		10.0		mg/L			12/11/25 12:27	1

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Client Sample Results

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

Job ID: 820-22493-1
 SDG: AR25P108

Client Sample ID: TMW-09

Lab Sample ID: 820-22493-6

Date Collected: 12/08/25 13:35

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.0		0.500		mg/L			12/15/25 18:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	480		10.0		mg/L			12/11/25 12:27	1

Client Sample ID: TMW-12

Lab Sample ID: 820-22493-7

Date Collected: 12/08/25 16:15

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	439		0.500		mg/L			12/15/25 19:05	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1350		20.0		mg/L			12/11/25 12:27	1

QC Sample Results

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

Job ID: 820-22493-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-281969/64
 Matrix: Water
 Analysis Batch: 281969

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			12/15/25 16:13	1

Lab Sample ID: LCS 860-281969/65
 Matrix: Water
 Analysis Batch: 281969

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.49		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-281969/66
 Matrix: Water
 Analysis Batch: 281969

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	10.0	10.48		mg/L		105	90 - 110	0	20

Lab Sample ID: LLCS 860-281969/68
 Matrix: Water
 Analysis Batch: 281969

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6258		mg/L		125	50 - 150

Lab Sample ID: 820-22493-1 MS
 Matrix: Water
 Analysis Batch: 281969

Client Sample ID: TMW-24
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	276		10.0	285.6	4	mg/L		99	90 - 110

Lab Sample ID: 820-22493-1 MSD
 Matrix: Water
 Analysis Batch: 281969

Client Sample ID: TMW-24
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	276		10.0	285.5	4	mg/L		98	90 - 110	0	15

Lab Sample ID: MB 860-281971/20
 Matrix: Water
 Analysis Batch: 281971

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			12/15/25 13:48	1

Lab Sample ID: LCS 860-281971/21
 Matrix: Water
 Analysis Batch: 281971

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.899		mg/L		99	90 - 110

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QC Sample Results

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

Job ID: 820-22493-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 860-281971/22
 Matrix: Water
 Analysis Batch: 281971

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	10.0	10.04		mg/L		100	90 - 110	1	20

Lab Sample ID: LLCS 860-281971/24
 Matrix: Water
 Analysis Batch: 281971

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	0.500	0.6527		mg/L		131	50 - 150		

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

Lab Sample ID: MB 860-281421/1
 Matrix: Water
 Analysis Batch: 281421

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			12/11/25 12:27	1

Lab Sample ID: LCS 860-281421/2
 Matrix: Water
 Analysis Batch: 281421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	968.0		mg/L		97	80 - 120		

Lab Sample ID: 820-22493-1 DU
 Matrix: Water
 Analysis Batch: 281421

Client Sample ID: TMW-24
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1040		1024		mg/L		1	10

Lab Sample ID: 820-22493-2 DU
 Matrix: Water
 Analysis Batch: 281421

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1050		1034		mg/L		1	10

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37Job ID: 820-22493-1
SDG: AR25P108

HPLC/IC

Analysis Batch: 281969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22493-1	TMW-24	Total/NA	Water	300.0	
820-22493-2	DUP-01	Total/NA	Water	300.0	
820-22493-3	TMW-22	Total/NA	Water	300.0	
820-22493-4	TMW-20	Total/NA	Water	300.0	
MB 860-281969/64	Method Blank	Total/NA	Water	300.0	
LCS 860-281969/65	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-281969/66	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-281969/68	Lab Control Sample	Total/NA	Water	300.0	
820-22493-1 MS	TMW-24	Total/NA	Water	300.0	
820-22493-1 MSD	TMW-24	Total/NA	Water	300.0	

Analysis Batch: 281971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22493-5	TMW-28	Total/NA	Water	300.0	
820-22493-6	TMW-09	Total/NA	Water	300.0	
820-22493-7	TMW-12	Total/NA	Water	300.0	
MB 860-281971/20	Method Blank	Total/NA	Water	300.0	
LCS 860-281971/21	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-281971/22	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-281971/24	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 281421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22493-1	TMW-24	Total/NA	Water	SM 2540C	
820-22493-2	DUP-01	Total/NA	Water	SM 2540C	
820-22493-3	TMW-22	Total/NA	Water	SM 2540C	
820-22493-4	TMW-20	Total/NA	Water	SM 2540C	
820-22493-5	TMW-28	Total/NA	Water	SM 2540C	
820-22493-6	TMW-09	Total/NA	Water	SM 2540C	
820-22493-7	TMW-12	Total/NA	Water	SM 2540C	
MB 860-281421/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-281421/2	Lab Control Sample	Total/NA	Water	SM 2540C	
820-22493-1 DU	TMW-24	Total/NA	Water	SM 2540C	
820-22493-2 DU	DUP-01	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 820-22493-1
 SDG: AR25P108

Client Sample ID: TMW-24

Lab Sample ID: 820-22493-1

Date Collected: 12/08/25 09:20

Matrix: Water

Date Received: 12/10/25 14:20

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		1			281969	12/15/25 16:42	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: DUP-01

Lab Sample ID: 820-22493-2

Date Collected: 12/08/25 09:25

Matrix: Water

Date Received: 12/10/25 14:20

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		1			281969	12/15/25 17:24	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: TMW-22

Lab Sample ID: 820-22493-3

Date Collected: 12/08/25 10:40

Matrix: Water

Date Received: 12/10/25 14:20

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		1			281969	12/15/25 17:36	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: TMW-20

Lab Sample ID: 820-22493-4

Date Collected: 12/08/25 11:25

Matrix: Water

Date Received: 12/10/25 14:20

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		1			281969	12/15/25 17:48	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: TMW-28

Lab Sample ID: 820-22493-5

Date Collected: 12/08/25 12:20

Matrix: Water

Date Received: 12/10/25 14:20

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		1			281971	12/15/25 18:11	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: TMW-09

Lab Sample ID: 820-22493-6

Date Collected: 12/08/25 13:35

Matrix: Water

Date Received: 12/10/25 14:20

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		1			281971	12/15/25 18:29	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Eurofins Lubbock

Lab Chronicle

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

Job ID: 820-22493-1
SDG: AR25P108

Client Sample ID: TMW-12

Lab Sample ID: 820-22493-7

Date Collected: 12/08/25 16:15

Matrix: Water

Date Received: 12/10/25 14:20

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		1			281971	12/15/25 19:05	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Laboratory References:

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

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Accreditation/Certification Summary

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

Job ID: 820-22493-1
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

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Method Summary

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

Job ID: 820-22493-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
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



Sample Summary

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

Job ID: 820-22493-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-22493-1	TMW-24	Water	12/08/25 09:20	12/10/25 14:20	Texas
820-22493-2	DUP-01	Water	12/08/25 09:25	12/10/25 14:20	Texas
820-22493-3	TMW-22	Water	12/08/25 10:40	12/10/25 14:20	Texas
820-22493-4	TMW-20	Water	12/08/25 11:25	12/10/25 14:20	Texas
820-22493-5	TMW-28	Water	12/08/25 12:20	12/10/25 14:20	Texas
820-22493-6	TMW-09	Water	12/08/25 13:35	12/10/25 14:20	Texas
820-22493-7	TMW-12	Water	12/08/25 16:15	12/10/25 14:20	Texas

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Loc: 820
22493



820-22493 Chain of Custody

CHAIN OF CU

ANALYSIS REQUESTED

Laboratory: Xenco
6701 Aberdeen
Lubbock, Texas 79424

Office Location
Lubbock

Project Manager
John Grams

Phone: (806) 794-1296

Contact: Jessica Kramer

Sampler's Name
Zach Mueller

Sampler's Signature
Zach Mueller

Project Number
AR25P108

Project Name
EBDU 37

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No. Type of Containers		Total Dissolved Solids (TDS)	Chloride (EPA Method 300)	Lab Sample ID
						250 ml Poly	500 ml Poly			
GW	12/18/25	9:20	X	X	TMW-24	-	-	X	X	
GW	12/18/25	9:25	X	X	DUP-01	-	-	X	X	
GW	12/18/25	10:40	X	X	TMW-22	-	-	X	X	
GW	12/18/25	11:25	X	X	TMW-20	-	-	X	X	
GW	12/18/25	12:20	X	X	TMW-28	-	-	X	X	
GW	12/18/25	13:35	X	X	TMW-09	-	-	X	X	
GW	12/18/25	16:15	X	X	TMW-12	-	-	X	X	
NFE										

TEMP OF COOLER WHEN RECEIVED (°C) *39.3*

Page 1 of 1

TURNAROUND TIME

Relinquished by (Signature) *Zach Mueller* Date: 12/19/25 Time: 13:00

Relinquished by (Signature) *Christa Tabacky* Date: 12/10/25 Time: 14:20

Relinquished by (Signature) _____ Date: _____ Time: _____

Relinquished by (Signature) _____ Date: _____ Time: _____

TRRP Laboratory Review Checklist

Received by (Signature) *Christa Tabacky* Date: 12/19/25 Time: 13:00

Received by (Signature) *Yayman Per* Date: 12/19/25 Time: 14:20

Received by (Signature) _____ Date: _____ Time: _____

Received by (Signature) _____ Date: _____ Time: _____

Bill To: Terracon Yes No

e-mail results to:
 zach.mueller@terracon.com
 john.grams@terracon.com
 joseph.guesnier@terracon.com

Matrix: W - Wastewater W - Water S - Soil L - Liquid A - Air Bag C - Charcoal tube

Container: VOA - 40 ml Vial A/G - Amber Glass 1L 250 ml - Glass wide-mouth P/O - Plastic or other W/OE

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

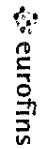
Responsive ■ Resourceful ■ Reliable

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

Chain of Custody Record



ENVIRONMENTAL TESTS

Client Information (Sub Contract Lab)

Client Contact: N/A
 Shipping/Receiving: N/A
 Company: Eurofins Environment Testing South Cent
 Address: 4145 Greenbriar Dr
 City: Stafford
 State Zip: TX, 77477
 Phone: 281-240-4200(Tel)
 Email: N/A
 Project Name: EBDU 37
 SOW#: N/A

Due Date Requested: 12/16/2025
 FAT Requested (days): N/A
 Lab P#: Kramer Jessica
 E-Mail: Jessica.Kramer@et.eurofinsus.com
 Accreditations Required (See note): NELAP Texas
 Carrier Tracking No(s): N/A
 State of Origin: Texas
 Page: Page 1 of 1
 Job #: 820-22493-1
 Preservation Codes:

Sample ID (Lab ID)	Sample Date	Sample Time	Sample Type (G=Comp, G=grab)	Matrix (Water, Soil, Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note
TMMW-24 (820-22493-1)	12/8/25	09:20	G	Water	X	X		2	
DUP-01 (820-22493-2)	12/8/25	09:25	G	Water	X	X		2	
TMMW-22 (820-22493-3)	12/8/25	10:40	G	Water	X	X		2	
TMMW-20 (820-22493-4)	12/8/25	11:25	G	Water	X	X		2	
TMMW-28 (820-22493-5)	12/8/25	12:20	G	Water	X	X		2	
TMMW-09 (820-22493-6)	12/8/25	13:35	G	Water	X	X		2	
TMMW-12 (820-22493-7)	12/8/25	16:15	G	Water	X	X		2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyze & 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/instrument 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: [Signature] Date: 12/10/25 Time: 11:20

Relinquished by: [Signature] Date/Time: [Signature] Company: [Signature]

Relinquished by: [Signature] Date/Time: [Signature] Company: [Signature]

Custody Seals Intact: Yes No

Custody Seal No. [Signature]

Special Instructions/QC Requirements: Return To Client Disposal By Lab Archive For [Signature] Months

Method of Shipment: Received by: [Signature] Date/Time: 12/10/25

Received by: [Signature] Date/Time: 12/10/25

Received by: [Signature] Date/Time: 12/10/25

Received by: [Signature] Date/Time: 12/10/25

Cooler Temperature(s) °C and Other Remarks: [Signature] Time: 1:00

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22493-1

SDG Number: AR25P108

Login Number: 22493

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	

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22493-1

SDG Number: AR25P108

Login Number: 22493

List Number: 2

Creator: Torrez, Lisandra

List Source: Eurofins Houston

List Creation: 12/11/25 10:33 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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/16/2025 1:32:56 PM

JOB DESCRIPTION

EBDU 37
 AR25P108

JOB NUMBER

820-22494-1

Eurofins Lubbock
 6701 Aberdeen Ave.
 Suite 8
 Lubbock TX 79424



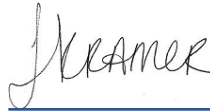
Eurofins Lubbock

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
12/16/2025 1:32:56 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If your report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory


· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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

Laboratory Job ID: 820-22494-1
SDG: AR25P108

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Definitions/Glossary

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

Job ID: 820-22494-1
SDG: AR25P108

Qualifiers

HPLC/IC

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

General Chemistry

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

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU 37

Job ID: 820-22494-1

Job ID: 820-22494-1

Eurofins Lubbock

Job Narrative 820-22494-1

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 12/10/2025 2:20 PM. 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 3.7°C.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-281973 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_ORGFM_28D: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-281973 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

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: EBDU 37

Job ID: 820-22494-1
 SDG: AR25P108

Client Sample ID: TMW-18

Lab Sample ID: 820-22494-1

Date Collected: 12/09/25 09:35

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		5.00		mg/L			12/15/25 21:29	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3400		40.0		mg/L			12/11/25 12:27	1

Client Sample ID: TMW-37

Lab Sample ID: 820-22494-2

Date Collected: 12/09/25 10:35

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1730		5.00		mg/L			12/15/25 22:29	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3440		40.0		mg/L			12/11/25 12:27	1

Client Sample ID: TMW-13

Lab Sample ID: 820-22494-3

Date Collected: 12/09/25 11:35

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1890		5.00		mg/L			12/15/25 22:49	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3660		40.0		mg/L			12/11/25 12:27	1

Client Sample ID: TMW-06

Lab Sample ID: 820-22494-4

Date Collected: 12/09/25 12:50

Matrix: Water

Date Received: 12/10/25 14:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1750		5.00		mg/L			12/15/25 23:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3980		40.0		mg/L			12/11/25 12:27	1

QC Sample Results

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

Job ID: 820-22494-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-281973/62
 Matrix: Water
 Analysis Batch: 281973

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			12/15/25 20:29	1

Lab Sample ID: LCS 860-281973/63
 Matrix: Water
 Analysis Batch: 281973

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.557		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-281973/64
 Matrix: Water
 Analysis Batch: 281973

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	10.0	9.392		mg/L		94	90 - 110	2	20

Lab Sample ID: LLCS 860-281973/66
 Matrix: Water
 Analysis Batch: 281973

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5047		mg/L		101	50 - 150

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

Lab Sample ID: MB 860-281421/1
 Matrix: Water
 Analysis Batch: 281421

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			12/11/25 12:27	1

Lab Sample ID: LCS 860-281421/2
 Matrix: Water
 Analysis Batch: 281421

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	968.0		mg/L		97	80 - 120

QC Association Summary

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

Job ID: 820-22494-1
SDG: AR25P108

HPLC/IC

Analysis Batch: 281973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22494-1	TMW-18	Total/NA	Water	300.0	
820-22494-2	TMW-37	Total/NA	Water	300.0	
820-22494-3	TMW-13	Total/NA	Water	300.0	
820-22494-4	TMW-06	Total/NA	Water	300.0	
MB 860-281973/62	Method Blank	Total/NA	Water	300.0	
LCS 860-281973/63	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-281973/64	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-281973/66	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 281421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22494-1	TMW-18	Total/NA	Water	SM 2540C	
820-22494-2	TMW-37	Total/NA	Water	SM 2540C	
820-22494-3	TMW-13	Total/NA	Water	SM 2540C	
820-22494-4	TMW-06	Total/NA	Water	SM 2540C	
MB 860-281421/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-281421/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 820-22494-1
 SDG: AR25P108

Client Sample ID: TMW-18

Lab Sample ID: 820-22494-1

Date Collected: 12/09/25 09:35

Matrix: Water

Date Received: 12/10/25 14:20

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			281973	12/15/25 21:29	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: TMW-37

Lab Sample ID: 820-22494-2

Date Collected: 12/09/25 10:35

Matrix: Water

Date Received: 12/10/25 14:20

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			281973	12/15/25 22:29	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: TMW-13

Lab Sample ID: 820-22494-3

Date Collected: 12/09/25 11:35

Matrix: Water

Date Received: 12/10/25 14:20

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			281973	12/15/25 22:49	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Client Sample ID: TMW-06

Lab Sample ID: 820-22494-4

Date Collected: 12/09/25 12:50

Matrix: Water

Date Received: 12/10/25 14:20

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			281973	12/15/25 23:09	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	281421	12/11/25 12:27	AP	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 820-22494-1
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

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Method Summary

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

Job ID: 820-22494-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
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



Sample Summary

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

Job ID: 820-22494-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-22494-1	TMW-18	Water	12/09/25 09:35	12/10/25 14:20	Texas
820-22494-2	TMW-37	Water	12/09/25 10:35	12/10/25 14:20	Texas
820-22494-3	TMW-13	Water	12/09/25 11:35	12/10/25 14:20	Texas
820-22494-4	TMW-06	Water	12/09/25 12:50	12/10/25 14:20	Texas

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Loc: 820
22494



820-22494 Chain of Custody

CHAIN OF CUSTODY

ANALYSIS REQUESTED

Laboratory: Xenco
Address: 6701 Aberdeen
Lubbock, Texas 79424

Office Location: Lubbock
Project Manager: John Grams
Sampler's Name: Zach Mueller

Phone: (806) 794-1296
Contact: Jessica Kramer
Sampler's Signature: *Zach Mueller*

Project Number: AR25P108
Project Name: EBDU 37

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No. Type of Containers	
						250 ml Poly	500 ml Poly
GW	12/9/25	9:35		X	TMW-18	1	1
GW	12/9/25	10:35		X	TMW-37	1	1
GW	12/9/25	11:35		X	TMW-13	1	1
GW	12/9/25	12:50		X	TMW-06	1	1
					NFE		

Lab Sample ID	Total Dissolved Solids (TDS)	Chloride (EPA Method 300)	TRRP Laboratory Review Checklist	
			Yes	No
	X	X		
	X	X		
	X	X		
	X	X		

TURNAROUND TIME		24-Hour Rush		72-Hour Rush		Normal	
Relinquished by (Signature)	<i>Zach Mueller</i>	Date: 12/9/25	Time: 13:05	Date: 12/9/25	Time: 13:05	Date: 12/9/25	Time: 13:05
Relinquished by (Signature)	<i>Christa Waddy</i>	Date: 12/10/25	Time: 14:20	Date: 12/10/25	Time: 14:20	Date: 12/10/25	Time: 14:20
Relinquished by (Signature)		Date:	Time:	Date:	Time:	Date:	Time:

Matrix Container: VOW - 40 ml vial

W-Water: W-Water

3 - Soil: 250 ml ± Glass wide mouth

1 - Liquid: L-Liquid

A - Air Bag: A - Air Bag

C - Charcoal tube: C - Charcoal tube

S - Sludge: S - Sludge

P/O - Plastic or other: P/O - Plastic or other

Wipe: Wipe

Bill To: Terracon

e-mail results to: zach.mueller@terracon.com, john.grams@terracon.com, joseph.guesnier@terracon.com

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

Responsive ■ Resourceful ■ Reliable



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Eurofins Lubbock

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

Chain of Custody Record



Enviro. M.

Client Information (Sub Contract Lab)		Sampler: N/A	Lab P/N: Kramer, Jessica	Carrier Tracking No(s): N/A	IOC No: 820-11442.1
Client Contact: N/A		Phone: N/A	E-Mail: Jessica.Kramer@get.eurofins.com	State of Origin: Texas	Page: Page 1 of 1
Shipping/Receiving: N/A		Accreditations Required (See note): NELAP Texas		Job #: 820-22494-1	
Company: Eurofins Environment Testing South Cent		Analysis Requested		Preservation Codes: 820-22494-1	
Address: 4145 Greenbriar Dr		Due Date Requested: 12/16/2025			
City: Stafford		TAT Requested (days): N/A			
State Zip: TX, 77477		PO #: N/A			
Phone: 281-240-4200 (Tel)		W/O #: N/A			
Email: N/A		Project #: 82000284			
Project Name: EBDU 37		SSC/W#: N/A			
Site: N/A					

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Newer Solids, Omarsoll, Br-Tissue, AAH)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D(MOD) Custom List	2540C_Catcd	Total Number of Containers	Special Instructions/Note:
TMM-18 (820-22494-1)	12/9/25	09:35 Central	G	Water	X	X			2	
TMM-37 (820-22494-2)	12/9/25	10:35 Central	G	Water	X	X			2	
TMM-13 (820-22494-3)	12/9/25	11:35 Central	G	Water	X	X			2	
TMM-06 (820-22494-4)	12/9/25	12:50 Central	G	Water	X	X			2	

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

Empty ICA Relinquished by: [Signature]	Date: 12/10/25	Company: [Signature]	Received by: [Signature]	Date/Time: 12/10/25	Company: [Signature]
Relinquished by: [Signature]	Date/Time: 12/10/25	Company: [Signature]	Received by: [Signature]	Date/Time: 12/10/25	Company: [Signature]
Relinquished by: [Signature]	Date/Time: 12/10/25	Company: [Signature]	Received by: [Signature]	Date/Time: 12/10/25	Company: [Signature]

Custody Seals Intact: Yes No Custody Seal No. 000

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22494-1

SDG Number: AR25P108

Login Number: 22494

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	

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22494-1

SDG Number: AR25P108

Login Number: 22494

List Number: 2

Creator: Torrez, Lisandra

List Source: Eurofins Houston

List Creation: 12/11/25 10:33 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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/17/2025 6:23:21 PM

JOB DESCRIPTION

EBDU - 37
 AR25P108

JOB NUMBER

820-22530-1

Eurofins Lubbock
 6701 Aberdeen Ave.
 Suite 8
 Lubbock TX 79424



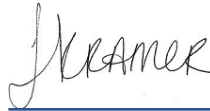
Eurofins Lubbock

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



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12/17/2025 6:23:21 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If your report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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

Laboratory Job ID: 820-22530-1
SDG: AR25P108

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Definitions/Glossary

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

Job ID: 820-22530-1
SDG: AR25P108

Qualifiers

HPLC/IC

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

General Chemistry

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

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU - 37

Job ID: 820-22530-1

Job ID: 820-22530-1

Eurofins Lubbock

Job Narrative 820-22530-1

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 12/11/2025 3:53 PM. 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

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: EBDU - 37

Job ID: 820-22530-1
 SDG: AR25P108

Client Sample ID: TMW-08

Lab Sample ID: 820-22530-1

Date Collected: 12/09/25 14:32

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	414		0.500		mg/L			12/16/25 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		20.0		mg/L			12/16/25 11:47	1

Client Sample ID: TMW-40

Lab Sample ID: 820-22530-2

Date Collected: 12/09/25 16:15

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280		5.00		mg/L			12/16/25 15:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3380		40.0		mg/L			12/16/25 11:47	1

Client Sample ID: TMW-11

Lab Sample ID: 820-22530-3

Date Collected: 12/09/25 18:00

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	368		0.500		mg/L			12/16/25 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1280		10.0		mg/L			12/16/25 11:47	1

Client Sample ID: DUP-02

Lab Sample ID: 820-22530-4

Date Collected: 12/09/25 00:00

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	371		0.500		mg/L			12/16/25 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		10.0		mg/L			12/16/25 11:47	1

Client Sample ID: TMW-46

Lab Sample ID: 820-22530-5

Date Collected: 12/10/25 07:40

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	304		0.500		mg/L			12/16/25 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1170		10.0		mg/L			12/16/25 11:47	1

Eurofins Lubbock

Client Sample Results

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

Job ID: 820-22530-1
 SDG: AR25P108

Client Sample ID: TMW-43

Lab Sample ID: 820-22530-6

Date Collected: 12/10/25 09:20

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	940		5.00		mg/L			12/16/25 16:49	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2550		20.0		mg/L			12/16/25 11:47	1

Client Sample ID: Windmill

Lab Sample ID: 820-22530-7

Date Collected: 12/10/25 09:52

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	705		5.00		mg/L			12/16/25 17:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2050		20.0		mg/L			12/16/25 11:47	1

Client Sample ID: TMW-41

Lab Sample ID: 820-22530-8

Date Collected: 12/10/25 10:52

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	561		5.00		mg/L			12/16/25 17:29	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1580		20.0		mg/L			12/16/25 11:47	1

Client Sample ID: TMW-04

Lab Sample ID: 820-22530-9

Date Collected: 12/10/25 12:23

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	559		5.00		mg/L			12/16/25 17:49	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1640		20.0		mg/L			12/16/25 11:47	1

Client Sample ID: DUP-03

Lab Sample ID: 820-22530-10

Date Collected: 12/10/25 00:00

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	712		5.00		mg/L			12/16/25 18:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1800		20.0		mg/L			12/16/25 11:47	1

Eurofins Lubbock

QC Sample Results

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

Job ID: 820-22530-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-282244/3
 Matrix: Water
 Analysis Batch: 282244

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			12/16/25 10:49	1

Lab Sample ID: LCS 860-282244/4
 Matrix: Water
 Analysis Batch: 282244

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.666		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-282244/5
 Matrix: Water
 Analysis Batch: 282244

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	10.0	9.569		mg/L		96	90 - 110	1	20

Lab Sample ID: LLCS 860-282244/7
 Matrix: Water
 Analysis Batch: 282244

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5053		mg/L		101	50 - 150

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

Lab Sample ID: MB 860-282307/1
 Matrix: Water
 Analysis Batch: 282307

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			12/16/25 11:47	1

Lab Sample ID: LCS 860-282307/2
 Matrix: Water
 Analysis Batch: 282307

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	1005		mg/L		101	80 - 120

Lab Sample ID: 820-22530-1 DU
 Matrix: Water
 Analysis Batch: 282307

Client Sample ID: TMW-08
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1400		1446		mg/L		3	10

Eurofins Lubbock

QC Sample Results

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

Job ID: 820-22530-1
SDG: AR25P108

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

Lab Sample ID: 820-22530-2 DU
Matrix: Water
Analysis Batch: 282307

Client Sample ID: TMW-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	3380		3472		mg/L		3	10

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QC Association Summary

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

Job ID: 820-22530-1
 SDG: AR25P108

HPLC/IC

Analysis Batch: 282244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22530-1	TMW-08	Total/NA	Water	300.0	
820-22530-2	TMW-40	Total/NA	Water	300.0	
820-22530-3	TMW-11	Total/NA	Water	300.0	
820-22530-4	DUP-02	Total/NA	Water	300.0	
820-22530-5	TMW-46	Total/NA	Water	300.0	
820-22530-6	TMW-43	Total/NA	Water	300.0	
820-22530-7	Windmill	Total/NA	Water	300.0	
820-22530-8	TMW-41	Total/NA	Water	300.0	
820-22530-9	TMW-04	Total/NA	Water	300.0	
820-22530-10	DUP-03	Total/NA	Water	300.0	
MB 860-282244/3	Method Blank	Total/NA	Water	300.0	
LCS 860-282244/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-282244/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-282244/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 282307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22530-1	TMW-08	Total/NA	Water	SM 2540C	
820-22530-2	TMW-40	Total/NA	Water	SM 2540C	
820-22530-3	TMW-11	Total/NA	Water	SM 2540C	
820-22530-4	DUP-02	Total/NA	Water	SM 2540C	
820-22530-5	TMW-46	Total/NA	Water	SM 2540C	
820-22530-6	TMW-43	Total/NA	Water	SM 2540C	
820-22530-7	Windmill	Total/NA	Water	SM 2540C	
820-22530-8	TMW-41	Total/NA	Water	SM 2540C	
820-22530-9	TMW-04	Total/NA	Water	SM 2540C	
820-22530-10	DUP-03	Total/NA	Water	SM 2540C	
MB 860-282307/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-282307/2	Lab Control Sample	Total/NA	Water	SM 2540C	
820-22530-1 DU	TMW-08	Total/NA	Water	SM 2540C	
820-22530-2 DU	TMW-40	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 820-22530-1
 SDG: AR25P108

Client Sample ID: TMW-08

Lab Sample ID: 820-22530-1

Date Collected: 12/09/25 14:32

Matrix: Water

Date Received: 12/11/25 15:53

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		1			282244	12/16/25 14:39	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: TMW-40

Lab Sample ID: 820-22530-2

Date Collected: 12/09/25 16:15

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 15:09	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: TMW-11

Lab Sample ID: 820-22530-3

Date Collected: 12/09/25 18:00

Matrix: Water

Date Received: 12/11/25 15:53

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		1			282244	12/16/25 15:19	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: DUP-02

Lab Sample ID: 820-22530-4

Date Collected: 12/09/25 00:00

Matrix: Water

Date Received: 12/11/25 15:53

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		1			282244	12/16/25 15:39	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: TMW-46

Lab Sample ID: 820-22530-5

Date Collected: 12/10/25 07:40

Matrix: Water

Date Received: 12/11/25 15:53

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		1			282244	12/16/25 15:59	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: TMW-43

Lab Sample ID: 820-22530-6

Date Collected: 12/10/25 09:20

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 16:49	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Lab Chronicle

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

Job ID: 820-22530-1
 SDG: AR25P108

Client Sample ID: Windmill

Lab Sample ID: 820-22530-7

Date Collected: 12/10/25 09:52

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 17:09	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: TMW-41

Lab Sample ID: 820-22530-8

Date Collected: 12/10/25 10:52

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 17:29	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: TMW-04

Lab Sample ID: 820-22530-9

Date Collected: 12/10/25 12:23

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 17:49	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Client Sample ID: DUP-03

Lab Sample ID: 820-22530-10

Date Collected: 12/10/25 00:00

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 18:09	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282307	12/16/25 11:47	AP	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 820-22530-1
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

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Method Summary

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

Job ID: 820-22530-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
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



Sample Summary

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

Job ID: 820-22530-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-22530-1	TMW-08	Water	12/09/25 14:32	12/11/25 15:53	Texas
820-22530-2	TMW-40	Water	12/09/25 16:15	12/11/25 15:53	Texas
820-22530-3	TMW-11	Water	12/09/25 18:00	12/11/25 15:53	Texas
820-22530-4	DUP-02	Water	12/09/25 00:00	12/11/25 15:53	Texas
820-22530-5	TMW-46	Water	12/10/25 07:40	12/11/25 15:53	Texas
820-22530-6	TMW-43	Water	12/10/25 09:20	12/11/25 15:53	Texas
820-22530-7	Windmill	Water	12/10/25 09:52	12/11/25 15:53	Texas
820-22530-8	TMW-41	Water	12/10/25 10:52	12/11/25 15:53	Texas
820-22530-9	TMW-04	Water	12/10/25 12:23	12/11/25 15:53	Texas
820-22530-10	DUP-03	Water	12/10/25 00:00	12/11/25 15:53	Texas

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Loc: 820
22530



CHAIN OF CUSTODY

Terracon
 Laboratory: Eurofins
 Address: Lubbock, Texas
 Phone: Jessica Gramer
 Contact: Jessica Gramer

Office Location: Lubbock, Texas
 Project Manager: John Grams
 Sampler's Name: Daniel Ruelke
 Sampler's Signature: [Signature]

Project Number: AR25P108
 Project Name: EBDU - 34

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (FT)	End Depth (FT)	No. Type of Containers		ANALYSIS REQUESTED	LAB USE ONLY DUE DATE:
								250 mL	500 mL		
W	12/9/25	14:32		X	TMW-08	-	-	-	-	(TDS)	5.715.5 12/4/22
W	12/9/25	16:15		X	TMW-40	-	-	-	-	Total Dissolved Solids	
W	12/9/25	18:00		X	TMW-11	-	-	-	-		
W	12/9/25	00:00		X	DUP-02	-	-	-	-		
W	12/10/25	7:40		X	TMW-46	-	-	-	-		
W	12/10/25	9:20		X	TMW-43	-	-	-	-		
W	12/10/25	9:52		X	Windmill	-	-	-	-		
W	12/10/25	10:52		X	TMW-41	-	-	-	-		
W	12/10/25	12:23		X	TMW-04	-	-	-	-		
W	12/10/25	00:00		X	DUP-03	-	-	-	-		

TURNAROUND TIME
 Relinquished by (Signature): [Signature]
 Relinquished by (Signature): Austin Zbody
 Relinquished by (Signature): Austin Zbody
 Relinquished by (Signature): [Signature]

TRRP Laboratory Review Checklist
 24-Hour Rush
 48-Hour Rush
 Normal
 Yes No
 Bill To: Terracon
 e-mail results to: austin.worley@terracon.com
 joseph.guesnier@terracon.com
 john.grams@terracon.com

Matrix: W - Water, WW - Wastewater, A/G - Amber Glass, 1L, 500 mL, 40 mL
 S - Soil, 250 mL glass wide mouth
 L - Lipid
 A - Air Bag, C - Charcoal tube
 P/O - Plastic or other, W - Wipe
 SL - Sludge

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

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22530-1

SDG Number: AR25P108

Login Number: 22530

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	

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22530-1

SDG Number: AR25P108

Login Number: 22530

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 12/12/25 02:37 PM

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/17/2025 6:23:48 PM

JOB DESCRIPTION

EBDU - 37
 AR25P108

JOB NUMBER

820-22531-1

Eurofins Lubbock
 6701 Aberdeen Ave.
 Suite 8
 Lubbock TX 79424



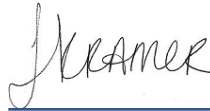
Eurofins Lubbock

Job Notes

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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



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Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

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Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

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· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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

Laboratory Job ID: 820-22531-1
SDG: AR25P108

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Definitions/Glossary

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

Job ID: 820-22531-1
SDG: AR25P108

Qualifiers

HPLC/IC

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

General Chemistry

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

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU - 37

Job ID: 820-22531-1

Job ID: 820-22531-1

Eurofins Lubbock

Job Narrative 820-22531-1

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 12/11/2025 3:53 PM. 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

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: EBDU - 37

Job ID: 820-22531-1
 SDG: AR25P108

Client Sample ID: TMW-45

Lab Sample ID: 820-22531-1

Date Collected: 12/09/25 14:10

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		5.00		mg/L			12/16/25 18:49	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3170		40.0		mg/L			12/16/25 11:49	1

Client Sample ID: TMW-15

Lab Sample ID: 820-22531-2

Date Collected: 12/09/25 15:30

Matrix: Water

Date Received: 12/11/25 15:53

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3060		5.00		mg/L			12/16/25 19:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6720		40.0		mg/L			12/16/25 11:49	1

QC Sample Results

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

Job ID: 820-22531-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-282244/3
 Matrix: Water
 Analysis Batch: 282244

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			12/16/25 10:49	1

Lab Sample ID: LCS 860-282244/4
 Matrix: Water
 Analysis Batch: 282244

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.666		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-282244/5
 Matrix: Water
 Analysis Batch: 282244

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	10.0	9.569		mg/L		96	90 - 110	1	20

Lab Sample ID: LLCS 860-282244/7
 Matrix: Water
 Analysis Batch: 282244

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5053		mg/L		101	50 - 150

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

Lab Sample ID: MB 860-282309/1
 Matrix: Water
 Analysis Batch: 282309

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			12/16/25 11:49	1

Lab Sample ID: LCS 860-282309/2
 Matrix: Water
 Analysis Batch: 282309

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	982.0		mg/L		98	80 - 120

QC Association Summary

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

Job ID: 820-22531-1
 SDG: AR25P108

HPLC/IC

Analysis Batch: 282244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22531-1	TMW-45	Total/NA	Water	300.0	
820-22531-2	TMW-15	Total/NA	Water	300.0	
MB 860-282244/3	Method Blank	Total/NA	Water	300.0	
LCS 860-282244/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-282244/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-282244/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 282309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22531-1	TMW-45	Total/NA	Water	SM 2540C	
820-22531-2	TMW-15	Total/NA	Water	SM 2540C	
MB 860-282309/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-282309/2	Lab Control Sample	Total/NA	Water	SM 2540C	

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Lab Chronicle

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

Job ID: 820-22531-1
SDG: AR25P108

Client Sample ID: TMW-45

Lab Sample ID: 820-22531-1

Date Collected: 12/09/25 14:10

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 18:49	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	282309	12/16/25 11:49	AP	EET HOU

Client Sample ID: TMW-15

Lab Sample ID: 820-22531-2

Date Collected: 12/09/25 15:30

Matrix: Water

Date Received: 12/11/25 15:53

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			282244	12/16/25 19:09	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	282309	12/16/25 11:49	AP	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 820-22531-1
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

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Method Summary

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

Job ID: 820-22531-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
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



Sample Summary

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

Job ID: 820-22531-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-22531-1	TMW-45	Water	12/09/25 14:10	12/11/25 15:53	Texas
820-22531-2	TMW-15	Water	12/09/25 15:30	12/11/25 15:53	Texas

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22531-1

SDG Number: AR25P108

Login Number: 22531

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	

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22531-1

SDG Number: AR25P108

Login Number: 22531

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 12/12/25 02:37 PM

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/18/2025 6:07:56 PM

JOB DESCRIPTION

EBDU - 37
 AR25P108

JOB NUMBER

820-22547-1

Eurofins Lubbock
 6701 Aberdeen Ave.
 Suite 8
 Lubbock TX 79424



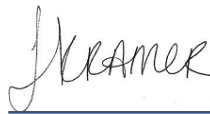
Eurofins Lubbock

Job Notes

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Authorization



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Eurofins Lubbock

Compliance Statement

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H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

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· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

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· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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

Laboratory Job ID: 820-22547-1
SDG: AR25P108

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Definitions/Glossary

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

Job ID: 820-22547-1
SDG: AR25P108

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
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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.
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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: EBDU - 37

Job ID: 820-22547-1

Job ID: 820-22547-1

Eurofins Lubbock

Job Narrative 820-22547-1

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 12/12/2025 4:01 PM. 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 7.0°C.

HPLC/IC

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

General Chemistry

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

Eurofins Lubbock



Client Sample Results

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

Job ID: 820-22547-1
 SDG: AR25P108

Client Sample ID: TMW-14

Lab Sample ID: 820-22547-1

Date Collected: 12/11/25 09:20

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2630		5.00		mg/L			12/17/25 11:44	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5770		40.0		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-33

Lab Sample ID: 820-22547-2

Date Collected: 12/11/25 10:20

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2220		5.00		mg/L			12/17/25 12:24	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3800		40.0		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-31

Lab Sample ID: 820-22547-3

Date Collected: 12/11/25 11:15

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3500		5.00		mg/L			12/17/25 12:54	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8520		100		mg/L			12/17/25 11:40	1

Client Sample ID: DUP-05

Lab Sample ID: 820-22547-4

Date Collected: 12/11/25 11:20

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3560		5.00		mg/L			12/17/25 13:14	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8660		100		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-05

Lab Sample ID: 820-22547-5

Date Collected: 12/11/25 12:25

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3180		5.00		mg/L			12/17/25 12:44	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8250		100		mg/L			12/17/25 11:40	1

Eurofins Lubbock

Client Sample Results

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

Job ID: 820-22547-1
 SDG: AR25P108

Client Sample ID: TMW-27

Lab Sample ID: 820-22547-6

Date Collected: 12/11/25 13:30

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5500		50.0		mg/L			12/17/25 11:41	100

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	10600		100		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-17

Lab Sample ID: 820-22547-7

Date Collected: 12/11/25 14:40

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7460		50.0		mg/L			12/17/25 15:22	100

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	13100		100		mg/L			12/17/25 11:40	1

QC Sample Results

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

Job ID: 820-22547-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-282544/3
 Matrix: Water
 Analysis Batch: 282544

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			12/17/25 10:24	1

Lab Sample ID: LCS 860-282544/4
 Matrix: Water
 Analysis Batch: 282544

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.746		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-282544/5
 Matrix: Water
 Analysis Batch: 282544

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	10.0	9.620		mg/L		96	90 - 110	1	20

Lab Sample ID: LLCS 860-282544/7
 Matrix: Water
 Analysis Batch: 282544

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5097		mg/L		102	50 - 150

Lab Sample ID: MB 860-282583/3
 Matrix: Water
 Analysis Batch: 282583

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			12/17/25 10:57	1

Lab Sample ID: LCS 860-282583/4
 Matrix: Water
 Analysis Batch: 282583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.522		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-282583/5
 Matrix: Water
 Analysis Batch: 282583

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	10.0	9.550		mg/L		95	90 - 110	0	20

Lab Sample ID: LLCS 860-282583/7
 Matrix: Water
 Analysis Batch: 282583

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.7277		mg/L		146	50 - 150

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QC Sample Results

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

Job ID: 820-22547-1
 SDG: AR25P108

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

Lab Sample ID: MB 860-282591/1
 Matrix: Water
 Analysis Batch: 282591

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			12/17/25 11:40	1

Lab Sample ID: LCS 860-282591/2
 Matrix: Water
 Analysis Batch: 282591

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	989.0		mg/L		99	80 - 120

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QC Association Summary

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

Job ID: 820-22547-1
 SDG: AR25P108

HPLC/IC

Analysis Batch: 282544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22547-1	TMW-14	Total/NA	Water	300.0	
820-22547-2	TMW-33	Total/NA	Water	300.0	
820-22547-3	TMW-31	Total/NA	Water	300.0	
820-22547-4	DUP-05	Total/NA	Water	300.0	
820-22547-5	TMW-05	Total/NA	Water	300.0	
MB 860-282544/3	Method Blank	Total/NA	Water	300.0	
LCS 860-282544/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-282544/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-282544/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 282583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22547-6	TMW-27	Total/NA	Water	300.0	
820-22547-7	TMW-17	Total/NA	Water	300.0	
MB 860-282583/3	Method Blank	Total/NA	Water	300.0	
LCS 860-282583/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-282583/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-282583/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 282591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22547-1	TMW-14	Total/NA	Water	SM 2540C	
820-22547-2	TMW-33	Total/NA	Water	SM 2540C	
820-22547-3	TMW-31	Total/NA	Water	SM 2540C	
820-22547-4	DUP-05	Total/NA	Water	SM 2540C	
820-22547-5	TMW-05	Total/NA	Water	SM 2540C	
820-22547-6	TMW-27	Total/NA	Water	SM 2540C	
820-22547-7	TMW-17	Total/NA	Water	SM 2540C	
MB 860-282591/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-282591/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 820-22547-1
 SDG: AR25P108

Client Sample ID: TMW-14

Lab Sample ID: 820-22547-1

Date Collected: 12/11/25 09:20

Matrix: Water

Date Received: 12/12/25 16:01

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			282544	12/17/25 11:44	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-33

Lab Sample ID: 820-22547-2

Date Collected: 12/11/25 10:20

Matrix: Water

Date Received: 12/12/25 16:01

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			282544	12/17/25 12:24	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-31

Lab Sample ID: 820-22547-3

Date Collected: 12/11/25 11:15

Matrix: Water

Date Received: 12/12/25 16:01

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			282544	12/17/25 12:54	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: DUP-05

Lab Sample ID: 820-22547-4

Date Collected: 12/11/25 11:20

Matrix: Water

Date Received: 12/12/25 16:01

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			282544	12/17/25 13:14	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-05

Lab Sample ID: 820-22547-5

Date Collected: 12/11/25 12:25

Matrix: Water

Date Received: 12/12/25 16:01

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			282544	12/17/25 12:44	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-27

Lab Sample ID: 820-22547-6

Date Collected: 12/11/25 13:30

Matrix: Water

Date Received: 12/12/25 16:01

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		100			282583	12/17/25 11:41	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Lab Chronicle

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

Job ID: 820-22547-1
SDG: AR25P108

Client Sample ID: TMW-17

Lab Sample ID: 820-22547-7

Date Collected: 12/11/25 14:40

Matrix: Water

Date Received: 12/12/25 16:01

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		100			282583	12/17/25 15:22	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Laboratory References:

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

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Accreditation/Certification Summary

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

Job ID: 820-22547-1
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

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Method Summary

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

Job ID: 820-22547-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
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



Sample Summary

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

Job ID: 820-22547-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-22547-1	TMW-14	Water	12/11/25 09:20	12/12/25 16:01	Texas
820-22547-2	TMW-33	Water	12/11/25 10:20	12/12/25 16:01	Texas
820-22547-3	TMW-31	Water	12/11/25 11:15	12/12/25 16:01	Texas
820-22547-4	DUP-05	Water	12/11/25 11:20	12/12/25 16:01	Texas
820-22547-5	TMW-05	Water	12/11/25 12:25	12/12/25 16:01	Texas
820-22547-6	TMW-27	Water	12/11/25 13:30	12/12/25 16:01	Texas
820-22547-7	TMW-17	Water	12/11/25 14:40	12/12/25 16:01	Texas

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22547-1

SDG Number: AR25P108

Login Number: 22547

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	

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22547-1

SDG Number: AR25P108

Login Number: 22547

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 12/16/25 04:54 PM

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
 Terracon Consulting Eng & Scientists
 5847 50th St
 Lubbock, Texas 79424
 Generated 12/18/2025 6:08:23 PM

JOB DESCRIPTION

EBDU - 37
 AR25P108

JOB NUMBER

820-22548-1

Eurofins Lubbock
 6701 Aberdeen Ave.
 Suite 8
 Lubbock TX 79424



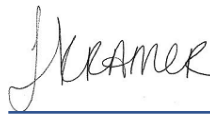
Eurofins Lubbock

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
12/18/2025 6:08:23 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Eurofins Lubbock

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If your report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



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

Laboratory Job ID: 820-22548-1
SDG: AR25P108

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Definitions/Glossary

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

Job ID: 820-22548-1
SDG: AR25P108

Qualifiers

HPLC/IC

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

General Chemistry

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

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU - 37

Job ID: 820-22548-1

Job ID: 820-22548-1

Eurofins Lubbock

Job Narrative 820-22548-1

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 12/12/2025 4:01 PM. 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 7.0°C.

HPLC/IC

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 860-282583 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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: EBDU - 37

Job ID: 820-22548-1
 SDG: AR25P108

Client Sample ID: TMW-23

Lab Sample ID: 820-22548-1

Date Collected: 12/11/25 08:07

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		5.00		mg/L			12/17/25 11:56	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2930		20.0		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-16

Lab Sample ID: 820-22548-2

Date Collected: 12/11/25 09:21

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		0.500		mg/L			12/17/25 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	391		10.0		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-30

Lab Sample ID: 820-22548-3

Date Collected: 12/11/25 10:23

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	762		5.00		mg/L			12/17/25 12:40	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1680		20.0		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-19

Lab Sample ID: 820-22548-4

Date Collected: 12/11/25 11:54

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	799		5.00		mg/L			12/17/25 12:55	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2020		20.0		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-07

Lab Sample ID: 820-22548-5

Date Collected: 12/11/25 12:48

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	900		5.00		mg/L			12/17/25 13:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1980		20.0		mg/L			12/17/25 11:40	1

Eurofins Lubbock

Client Sample Results

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

Job ID: 820-22548-1
 SDG: AR25P108

Client Sample ID: TMW-42

Lab Sample ID: 820-22548-6

Date Collected: 12/11/25 14:22

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	845		5.00		mg/L			12/17/25 13:24	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1990		20.0		mg/L			12/17/25 11:40	1

Client Sample ID: DUP-04

Lab Sample ID: 820-22548-7

Date Collected: 12/11/25 00:00

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	874		5.00		mg/L			12/17/25 14:09	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1980		20.0		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-34

Lab Sample ID: 820-22548-8

Date Collected: 12/11/25 08:04

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7260		50.0		mg/L			12/17/25 14:38	100

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	13600		100		mg/L			12/17/25 11:40	1

Client Sample ID: TMW-36

Lab Sample ID: 820-22548-9

Date Collected: 12/11/25 09:45

Matrix: Water

Date Received: 12/12/25 16:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6000		50.0		mg/L			12/17/25 14:53	100

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11700		100		mg/L			12/17/25 11:40	1

QC Sample Results

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

Job ID: 820-22548-1
 SDG: AR25P108

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-282583/3
 Matrix: Water
 Analysis Batch: 282583

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			12/17/25 10:57	1

Lab Sample ID: LCS 860-282583/4
 Matrix: Water
 Analysis Batch: 282583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.522		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-282583/5
 Matrix: Water
 Analysis Batch: 282583

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	10.0	9.550		mg/L		95	90 - 110	0	20

Lab Sample ID: LLCS 860-282583/7
 Matrix: Water
 Analysis Batch: 282583

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.7277		mg/L		146	50 - 150

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

Lab Sample ID: MB 860-282591/1
 Matrix: Water
 Analysis Batch: 282591

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			12/17/25 11:40	1

Lab Sample ID: LCS 860-282591/2
 Matrix: Water
 Analysis Batch: 282591

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	989.0		mg/L		99	80 - 120

Lab Sample ID: 820-22548-1 DU
 Matrix: Water
 Analysis Batch: 282591

Client Sample ID: TMW-23
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2930		2696		mg/L		8	10

Eurofins Lubbock

QC Sample Results

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

Job ID: 820-22548-1
SDG: AR25P108

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

Lab Sample ID: 820-22548-2 DU
Matrix: Water
Analysis Batch: 282591

Client Sample ID: TMW-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	391		397.0		mg/L		2	10

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QC Association Summary

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

Job ID: 820-22548-1
SDG: AR25P108

HPLC/IC

Analysis Batch: 282583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22548-1	TMW-23	Total/NA	Water	300.0	
820-22548-2	TMW-16	Total/NA	Water	300.0	
820-22548-3	TMW-30	Total/NA	Water	300.0	
820-22548-4	TMW-19	Total/NA	Water	300.0	
820-22548-5	TMW-07	Total/NA	Water	300.0	
820-22548-6	TMW-42	Total/NA	Water	300.0	
820-22548-7	DUP-04	Total/NA	Water	300.0	
820-22548-8	TMW-34	Total/NA	Water	300.0	
820-22548-9	TMW-36	Total/NA	Water	300.0	
MB 860-282583/3	Method Blank	Total/NA	Water	300.0	
LCS 860-282583/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-282583/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-282583/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 282591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-22548-1	TMW-23	Total/NA	Water	SM 2540C	
820-22548-2	TMW-16	Total/NA	Water	SM 2540C	
820-22548-3	TMW-30	Total/NA	Water	SM 2540C	
820-22548-4	TMW-19	Total/NA	Water	SM 2540C	
820-22548-5	TMW-07	Total/NA	Water	SM 2540C	
820-22548-6	TMW-42	Total/NA	Water	SM 2540C	
820-22548-7	DUP-04	Total/NA	Water	SM 2540C	
820-22548-8	TMW-34	Total/NA	Water	SM 2540C	
820-22548-9	TMW-36	Total/NA	Water	SM 2540C	
MB 860-282591/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-282591/2	Lab Control Sample	Total/NA	Water	SM 2540C	
820-22548-1 DU	TMW-23	Total/NA	Water	SM 2540C	
820-22548-2 DU	TMW-16	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 820-22548-1
 SDG: AR25P108

Client Sample ID: TMW-23

Lab Sample ID: 820-22548-1

Date Collected: 12/11/25 08:07

Matrix: Water

Date Received: 12/12/25 16:01

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			282583	12/17/25 11:56	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-16

Lab Sample ID: 820-22548-2

Date Collected: 12/11/25 09:21

Matrix: Water

Date Received: 12/12/25 16:01

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		1			282583	12/17/25 12:18	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-30

Lab Sample ID: 820-22548-3

Date Collected: 12/11/25 10:23

Matrix: Water

Date Received: 12/12/25 16:01

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			282583	12/17/25 12:40	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-19

Lab Sample ID: 820-22548-4

Date Collected: 12/11/25 11:54

Matrix: Water

Date Received: 12/12/25 16:01

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			282583	12/17/25 12:55	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-07

Lab Sample ID: 820-22548-5

Date Collected: 12/11/25 12:48

Matrix: Water

Date Received: 12/12/25 16:01

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			282583	12/17/25 13:09	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-42

Lab Sample ID: 820-22548-6

Date Collected: 12/11/25 14:22

Matrix: Water

Date Received: 12/12/25 16:01

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			282583	12/17/25 13:24	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Eurofins Lubbock

Lab Chronicle

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

Job ID: 820-22548-1
 SDG: AR25P108

Client Sample ID: DUP-04

Lab Sample ID: 820-22548-7

Date Collected: 12/11/25 00:00

Matrix: Water

Date Received: 12/12/25 16:01

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			282583	12/17/25 14:09	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-34

Lab Sample ID: 820-22548-8

Date Collected: 12/11/25 08:04

Matrix: Water

Date Received: 12/12/25 16:01

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		100			282583	12/17/25 14:38	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Client Sample ID: TMW-36

Lab Sample ID: 820-22548-9

Date Collected: 12/11/25 09:45

Matrix: Water

Date Received: 12/12/25 16:01

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		100			282583	12/17/25 14:53	RJD	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	282591	12/17/25 11:40	AP	EET HOU

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 820-22548-1
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

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Method Summary

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

Job ID: 820-22548-1
SDG: AR25P108

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
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



Sample Summary

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

Job ID: 820-22548-1
SDG: AR25P108

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-22548-1	TMW-23	Water	12/11/25 08:07	12/12/25 16:01	Texas
820-22548-2	TMW-16	Water	12/11/25 09:21	12/12/25 16:01	Texas
820-22548-3	TMW-30	Water	12/11/25 10:23	12/12/25 16:01	Texas
820-22548-4	TMW-19	Water	12/11/25 11:54	12/12/25 16:01	Texas
820-22548-5	TMW-07	Water	12/11/25 12:48	12/12/25 16:01	Texas
820-22548-6	TMW-42	Water	12/11/25 14:22	12/12/25 16:01	Texas
820-22548-7	DUP-04	Water	12/11/25 00:00	12/12/25 16:01	Texas
820-22548-8	TMW-34	Water	12/11/25 08:04	12/12/25 16:01	Texas
820-22548-9	TMW-36	Water	12/11/25 09:45	12/12/25 16:01	Texas

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Loc: 820
22548



820-22548 Chain of Custody

CHAIN OF CUSTODY



Laboratory: Eurofins
Address: 6701 Aberdeen
Lubbock, Texas 79424

Phone: (806) 794-1296
Contact: Jessica Kramer

ANALYSIS REQUESTED

DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

7.2/1.0
12-9-0.2

Page 1 of 1

Office Location Lubbock, Texas

Project Manager John Grams

Sampler's Name Daniel Pavelka

Sampler's Signature *[Signature]*

Project Number AR25P108

Project Name EBDU 37

No. Type of Containers

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth (ft)	End Depth (ft)	No. Type of Containers		Chloride (EPA Method 300)	Total Dissolved Solids (TDS)							Lab Sample ID
								250 ml Poly	500 ml Poly									
GW	12/11/2025	8:07		X	TMW-23	-	-	1	1	X	X							
GW	12/11/2025	9:21		X	TMW-16	-	-	1	1	X	X							
GW	12/11/2025	10:23		X	TMW-30	-	-	1	1	X	X							
GW	12/11/2025	11:54		X	TMW-19	-	-	1	1	X	X							
GW	12/11/2025	12:48		X	TMW-07	-	-	1	1	X	X							
GW	12/11/2025	14:22		X	TMW-42	-	-	1	1	X	X							
GW	12/11/2025	0:00		X	DUP-04	-	-	1	1	X	X							
GW	12/12/2025	8:04		X	TMW-34	-	-	1	1	X	X							
GW	12/12/2025	9:45		X	TMW-36	-	-	1	1	X	X							

TURNAROUND TIME Normal 48-Hour Rush 24-Hour Rush TRRP Laboratory Review Checklist Yes No

Relinquished by (Signature) <i>[Signature]</i>	Date: 12/12/25	Time: 1601	Received by (Signature) <i>[Signature]</i>	Date: 12/12/25	Time: 1601
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:

Bill To: Terracon
e-mail results to:
austin.worley@terracon.com
john.grams@terracon.com
daniel.pavelka@terracon.com

Matrix Container WW-Wastewater W - Water S - Soil L - Liquid A - Air Bag C - Charcoal tube SL - Sludge
VOA - 40 ml vial A/G - Amber Glass 1L 250 ml + Glass wide mouth P/O - Plastic or other Wipe

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

Responsive ■ Resourceful ■ Reliable



Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22548-1

SDG Number: AR25P108

Login Number: 22548

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	

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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 820-22548-1

SDG Number: AR25P108

Login Number: 22548

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 12/16/25 04:54 PM

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	

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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 541097

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 541097
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
bhall	Accepted for record.	3/12/2026