



ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

April 28, 2026

Submitted online via OCD E-Permitting:
<https://wwwapps.emnrd.state.nm.us/OCD/OCDPermitting/default.aspx>

Ms. Ashley Maxwell
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: First Quarter 2026 Monitoring and Sampling Report (Ensolum, April 21, 2026)
Chaco Plant 3 Phase Separator (7/22/20)
Enterprise Field Services L.L.C
P.O Box 4324, Houston TX 77210-4324
Chaco Plant, San Juan County, NM
Site Coordinates: N 36.481637, W 108.120470
Incident Number: NRM2021235744

Dear Ms. Maxwell:

Enterprise Products Operating LLC (Enterprise), on behalf of Enterprise Field Services LLC, submits herein to the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division's (OCD) an electronic copy of the above referenced report prepared by Ensolum, LLC (Ensolum) dated April 21, 2026. The report is associated with the Enterprise Chaco Plant 3 Phase Separator release of produced water, identified on July 22, 2020, from a faulty valve on a three-phase separator located on the Chaco Plant in San Juan County, New Mexico.

In correspondence dated February 25, 2026, the NMOCD provided the following condition or comment, among others:

- **Transition from submitting annual monitoring and sampling reports to submitting quarterly monitoring and sampling reports. Operator may request to reduce sampling events based upon future results.**


The attached report summarizes groundwater monitoring and sampling (GWM&S) activities that occurred between January 1, 2026 and March 31, 2026 (First Quarter 2026), including laboratory analytical results.

Should you have any questions, comments, or concerns, or need additional information regarding this Site, please contact Joseph Doyle via email at jedoyle@eprod.com, or via phone at 713-381-4668.

Sincerely,



Joseph E. Doyle
Scientist, Environmental



W. Tucker Jacobson
Senior Manager, Environmental

ec: NM OCD – Aztec District – Nelson Velez <nelson.velez@emnrd.nm.gov>
Ensolum – Mr. Dan Moir <dmoir@ensolum.com>



April 21, 2026

Joseph Doyle

Scientist, Environmental - Remediation
Enterprise Field Services, LLC
P.O. Box 4324
Houston, Texas 77210-4324

Re: First Quarter 2026 Monitoring and Sampling Report
Chaco Plant 3 Phase Separator (7/22/20)
San Juan County, New Mexico
NMOCD Incident ID No. NRM2021235744

Mr. Doyle:

Ensolum, LLC (Ensolum) is pleased to present this *First Quarter 2026 Monitoring and Sampling Report* (Report) to Enterprise Field Services, LLC (Enterprise) to document groundwater monitoring and sampling activities conducted at the Chaco Plant 3 Phase Separator (7/22/20) site (Site) during the first quarter of 2026. The Site is located in Unit Letter N, Section 16, Township 26 North, Range 12 West, in San Juan County, New Mexico (**Figure 1**).

The Site is subject to regulatory oversight by the New Mexico Oil Conservation Division (NMOCD) under 19.15.29 and 19.15.30 of the New Mexico Administrative Code (NMAC), which establishes investigation and abatement requirements for oil and gas releases. Groundwater is evaluated using the New Mexico Water Quality Control Commission (NMWQCC) Groundwater Quality Standards (GQSs) defined in 20.6.2 NMAC.

SITE GROUNDWATER CLEANUP STANDARDS

The following applicable NMWQCC GQSs are presented in micrograms per liter ($\mu\text{g/L}$) and milligrams per liter (mg/L) for the applicable constituents of concern (COCs) at the Site.

- Benzene: 5.0 $\mu\text{g/L}$
- Toluene: 1,000 $\mu\text{g/L}$
- Ethylbenzene: 700 $\mu\text{g/L}$
- Total Xylenes: 620 $\mu\text{g/L}$
- Chloride: 250 mg/L
- Total Dissolved Solids (TDS): 1,000 mg/L

FIRST QUARTER 2026 GROUNDWATER SAMPLING ACTIVITIES AND RESULTS

Ensolum personnel conducted groundwater sampling activities at the Site on March 18, 2026, related to monitoring wells TW-1/EW-1, EW-2, EW-3, and EW-4.

Static groundwater levels were measured using a decontaminated oil/water interface probe. The interface probe was decontaminated with Alconox® soap and rinsed with distilled water prior to each measurement to prevent cross-contamination. Non-aqueous phase liquid (NAPL) was not encountered in any monitoring well at the Site.

Groundwater samples were collected using low-flow sampling techniques. Purging was accomplished by removing stagnant groundwater from the monitoring wells prior to collecting a sample. Field measurements of groundwater quality parameters, including temperature, pH, electrical conductivity, oxidation-reduction potential, and TDS were collected during the purging process. Following low flow purging, groundwater samples were placed directly into a laboratory provided containers and labeled with the date and time of collection, well designation, project name, sample collector's name, and parameters to be analyzed. Containers were immediately sealed and packed on ice to preserve samples. Samples were submitted to Eurofins Environmental Analysis Laboratory and subsequently Eurofins Environment Testing in Albuquerque, New Mexico, for analysis of BTEX following United State Environmental Protection Agency (EPA) Method 8260B, TDS following SM-2540C MOD, and chloride following EPA Method 300.0. Proper chain-of-custody procedures were followed documenting the date and time sampled, sample number, type of sample, sample collector's name, preservative used, analyses required, and sample collector's signature.

Measured depths to groundwater and calculated groundwater elevations are summarized in **Table 1**. A groundwater elevation map constructed from these data (**Figure 2**) indicated a groundwater flow direction generally to the west, as interpreted from groundwater elevation contours, which is consistent with historical events. The calculated hydraulic gradient was approximately 0.0028 feet per foot (ft/ft) during the first quarter of 2026 monitoring event.

During the March 2026 groundwater sampling event, benzene was detected within EW-1 at a concentration of 34 µg/L, which was greater than the NMWQCC GQS. Ethylbenzene was also detected within EW-1 at a concentration of 18 µg/L; however, this concentration was less than the NMWQCC GQS. BTEX constituents in monitoring wells EW-2 through EW-4 were not detected above laboratory reporting limits which were less than their respective NMWQCC GQSs. Chloride was detected at concentrations less than the NMWQCC GQS in monitoring wells EW-1 through EW-4. TDS was detected in all monitoring wells, ranging from 2,600 mg/L to 3,400 mg/L, which were greater than the NMWQCC GQS. Results were consistent with historical data.

Analytical results are summarized in **Table 2 and Table 3** and are depicted on **Figure 2**, with complete laboratory analytical reports provided in **Appendix A**.

SUMMARY

Dissolved-phase benzene impacts appear to be consistent with historical analytical results. Surrounding monitoring wells were in compliance with the applicable NMWQCC GQSs, which is also consistent with historical sampling events and indicates the dissolved-phased hydrocarbon plume at the Site is stable and does not appear to be mobile.

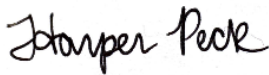
Chloride in groundwater was not detected at concentrations greater than the NMWQCC GQS, which indicates chloride is not a COC as it relates to the Site should be removed from the groundwater sampling program with approval from the NMOCD.

While TDS exceeded the NMWQCC GQS in groundwater within all monitoring wells, TDS concentrations observed in monitoring wells across the Site show minimal variability in upgradient, cross-gradient, downgradient, and center wells with consistent concentrations within the plume (EW-1) and surrounding point-of-compliance (POC) wells, indicating groundwater beneath the Site is likely naturally high in TDS and is not related to the 2020 release. Therefore, TDS is not a COC as it relates to the Site and should be removed from the groundwater sampling program with approval from the NMOCD.

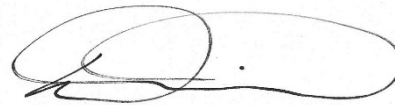
Ensolum appreciates the opportunity to provide these environmental services to Enterprise. Please contact either of the undersigned with any questions.

Sincerely,

Ensolum, LLC



Harper Peck
Associate Geologist



Daniel R. Moir, PG (licensed in WY & TX)
Associate Principal, Geologist

Attachments:

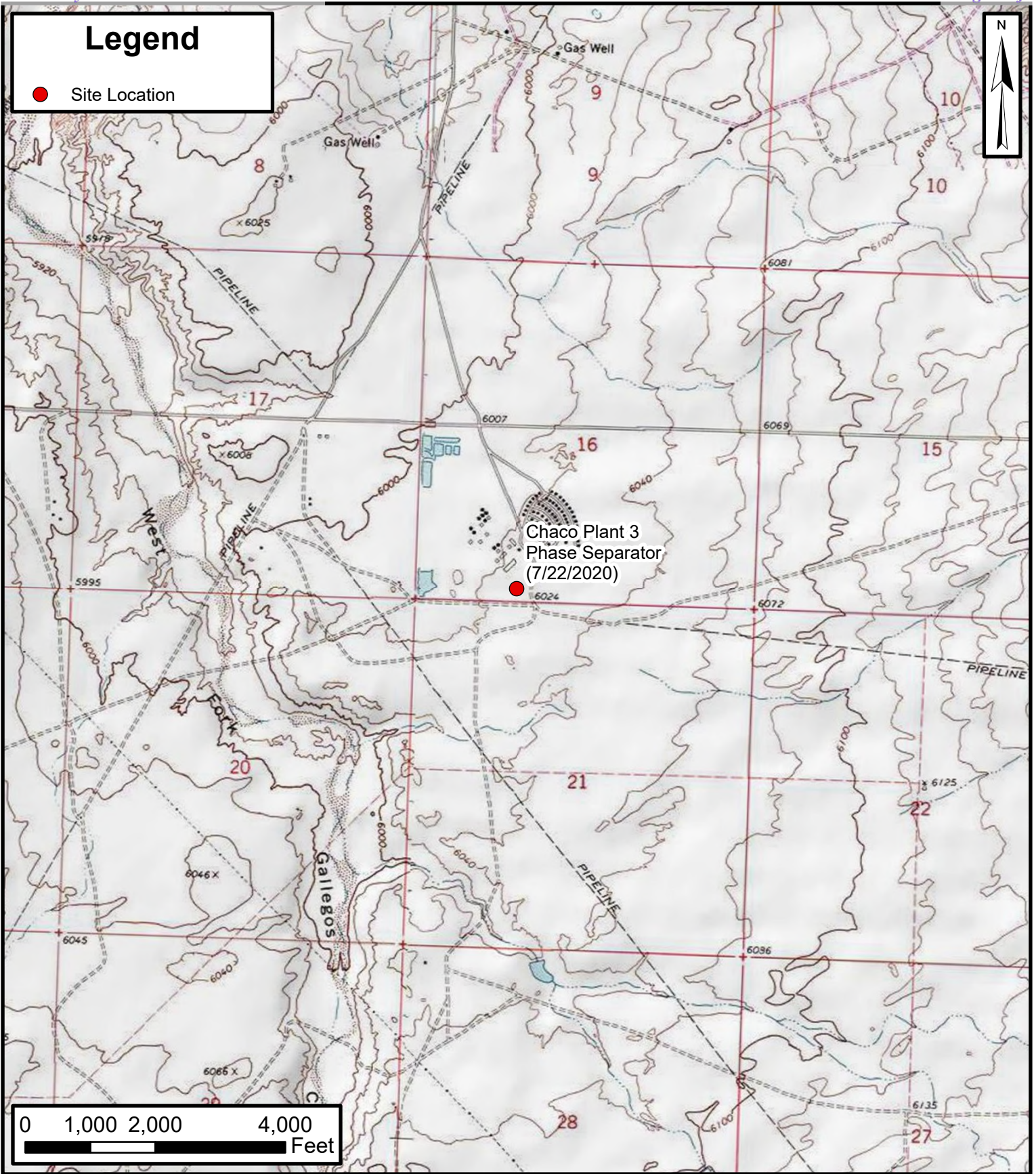
- Figure 1 Site Location Map
- Figure 2 Groundwater Elevation and Analytical Results (March 2026)

- Table 1 Groundwater Elevations
- Table 2 Groundwater Analytical Results

- Appendix A Laboratory Analytical Reports



FIGURES

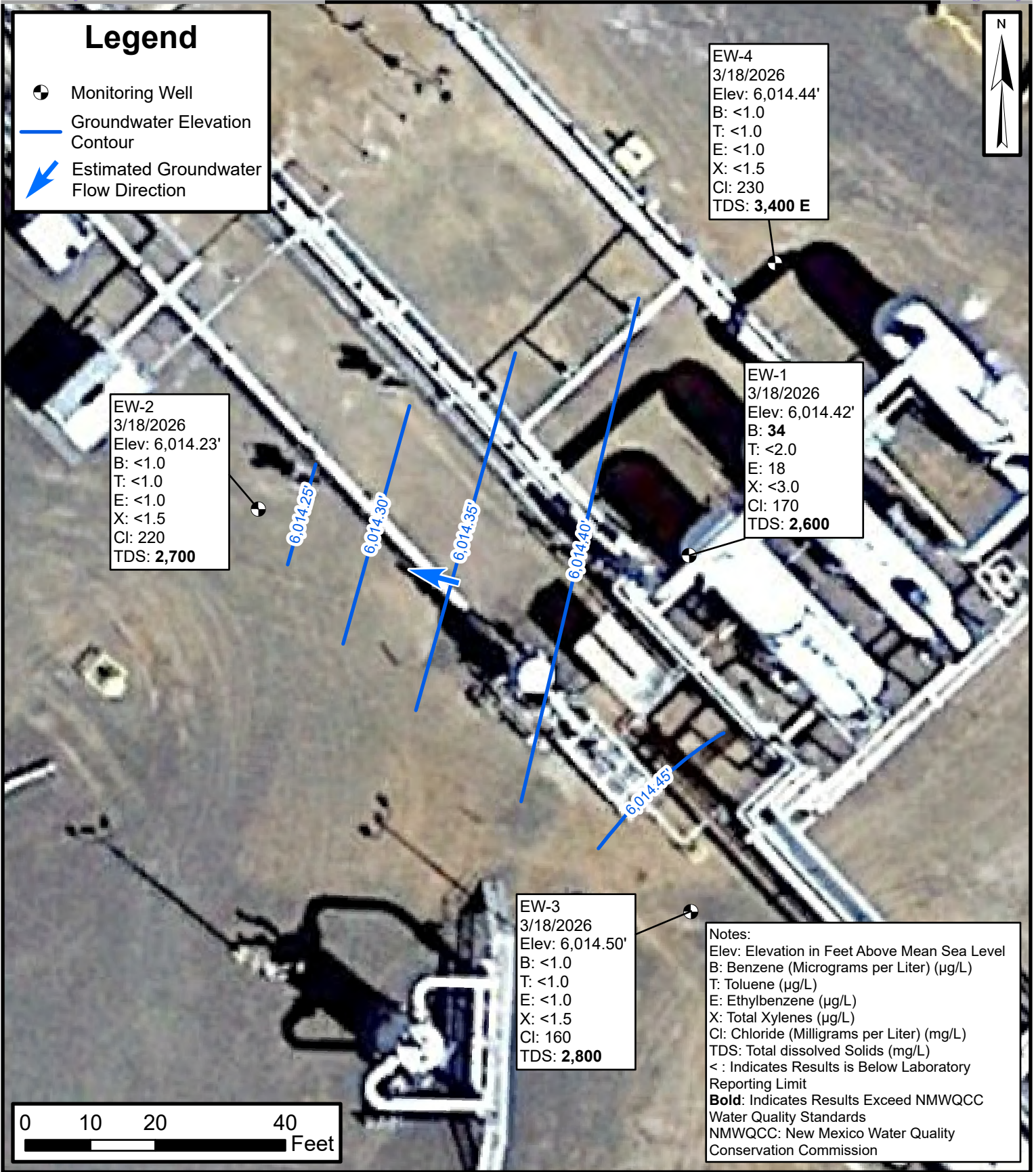


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ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map
Enterprise Field Services, LLC
Chaco Plant 3 Phase Separator
(7/22/2020)
36.481637, -108.120470
Unit Letter N, S16 T26N R12W
San Juan County, New Mexico

FIGURE
1



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**Groundwater Elevation and Analytical Results
(March 2026)**

Enterprise Field Services, LLC
Chaco Plant 3 Phase Separator
(7/22/2020)
36.481637, -108.120470
Unit Letter N, S16 T26N R12W
San Juan County, New Mexico

**FIGURE
2**



TABLES



TABLE 1
GROUNDWATER ELEVATIONS
 Chaco Plant 3 Phase Separator (7/22/20)
 Enterprise Field Services LLC
 San Juan County, New Mexico

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Well Depth (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevations (feet AMSL)	Groundwater Elevation (feet AMSL)
EW-1	08/06/2021	ND	12.29	ND	20	10-20	6,026.96	6,014.67
	02/22/2022	ND	12.45	ND				6,014.51
	09/12/2022	ND	12.20	ND				6,014.76
	02/07/2023 ^A	NG	NG	NG				NG
	08/23/2023	ND	12.00	ND				6,014.96
	02/20/2024	ND	12.47	ND				6,014.49
	12/30/2024	ND	12.18	ND				6,014.78
	04/17/2025	ND	12.23	ND				6,014.73
	03/18/2026	ND	12.54	ND				6,014.42
EW-2	08/06/2021	ND	12.27	ND	20	10-20	6,026.78	6,014.51
	02/22/2022	ND	12.43	ND				6,014.35
	09/12/2022	ND	12.16	ND				6,014.62
	02/07/2023	ND	12.40	ND				6,014.38
	08/23/2023	ND	11.92	ND				6,014.86
	02/20/2024	ND	12.43	ND				6,014.35
	12/30/2024	ND	12.14	ND				6,014.64
	04/17/2025	ND	12.31	ND				6,014.47
	03/18/2026	ND	12.55	ND				6,014.23
EW-3	08/06/2021	ND	13.55	ND	20	10-20	6,028.28	6,014.73
	02/22/2022	ND	13.71	ND				6,014.57
	09/12/2022	ND	13.48	ND				6,014.80
	02/07/2023	ND	13.71	ND				6,014.57
	08/23/2023	ND	13.34	ND				6,014.94
	02/20/2024	ND	13.72	ND				6,014.56
	12/30/2024	ND	13.43	ND				6,014.85
	04/17/2025	ND	13.56	ND				6,014.72
	03/18/2026	ND	13.78	ND				6,014.50
EW-4	08/06/2021	ND	12.14	ND	20	10-20	6,026.83	6,014.69
	02/22/2022	ND	12.30	ND				6,014.53
	09/12/2022	ND	12.03	ND				6,014.80
	02/07/2023	ND	12.30	ND				6,014.53
	08/23/2023	ND	11.77	ND				6,015.06
	02/20/2024	ND	12.33	ND				6,014.50
	12/30/2024	ND	12.01	ND				6,014.82
	04/17/2025	ND	12.13	ND				6,014.70
	3/18/2026	ND	12.39	ND				6,014.44

Notes:
 Monitoring wells surveyed in September 2021
^A - Monitoring well EW-1 was not gauged due to ice covering the well head.
 BTOC - below top of casing
 AMSL - above mean sea level
 TOC - top of casing



TABLE 2
GROUNDWATER ANALYTICAL SUMMARY - DETECTED VOLATILE ORGANIC COMPOUNDS
 Chaco Plant 3 Phase Separator (7/22/20)
 Enterprise Field Services LLC
 San Juan County, New Mexico

Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	Chloroform (µg/L)	Carbon Tetrachloride (µg/L)	Tetrachloroethene (PCE) (µg/L)	Trichloroethene (TCE) (µg/L)	Bromodichloromethane ² (µg/L)	Bromoform ¹ (µg/L)	Chlorobenzene ¹ (µg/L)	1,2,4-Trimethylbenzene ^{1,2} (µg/L)	1,3,5-Trimethylbenzene ^{1,2} (µg/L)	2-Chlorotoluene ^{1,2} (µg/L)	4-Chlorotoluene ^{1,2} (µg/L)	Dibromochloromethane ¹ (µg/L)	Isopropylbenzene ^{1,2} (µg/L)	n-Propylbenzene ^{1,2} (µg/L)	sec-Butylbenzene ^{1,2} (µg/L)	
New Mexico Water Quality Control Commission Human Health Standards		5	1,000	700	620	30	100	5	5	5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Water Sample Collected from the Temporary Monitoring Well																						
TW-1/EW-1	03/24/2021	88	<1.0	29	170	2.7	3.3	<1.0	<1.0	1.6	<1.0	4.4	10	4.3	5.1	1.3	1.1	3.2	1.5	<1.0		
Water Samples Collected from the Monitoring Wells																						
EW-1	08/06/2021	53	<5.0	58	10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	9.3	9.1	<5.0	6.0	<5.0	<5.0	12	<5.0	<5.0		
	02/22/2022	12	<2.0	40	<3.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	7.8	16	<2.0	6.5	<2.0	<2.0	10	4.1	<2.0		
	09/12/2022	11	<1.0	18	1.7	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.6	5.9	<1.0	4.4	<1.0	<1.0	5.9	2.2	2.4	
	02/07/2023 ^A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/23/2023	22	<1.0	23	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.6	<1.0	<1.0	4.3	<1.0	<1.0	8.5	2.7	3.0	
	02/20/2024	17	<1.0	26	1.8	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.6	<1.0	<1.0	4.2	<1.0	<1.0	9.4	2.5	2.3	
	12/30/2024	54	<1.0	21	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/2025	32	<1.0	11	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3/18/2026	34	<2.0	18	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
EW-2	08/06/2021	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/22/2022	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	09/12/2022	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/07/2023	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	08/23/2023	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/20/2024	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/30/2024	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	04/17/2025	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3/18/2026	<1.0	<1.0	<1.0	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
EW-3	08/06/2021	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/22/2022	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	09/12/2022	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/07/2023	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	08/23/2023	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/20/2024	<1.0	<1.0	<1.0	<1.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/30/2024	<1.0	<1.0	<1.0	<2.0	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	04/17/2025	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3/18/2026	<1.0	<1.0	<1.0	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		



TABLE 2 GROUNDWATER ANALYTICAL SUMMARY - DETECTED VOLATILE ORGANIC COMPOUNDS Chaco Plant 3 Phase Separator (7/22/20) Enterprise Field Services LLC San Juan County, New Mexico																						
Sample I.D.	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Naphthalene (µg/L)	Chloroform (µg/L)	Carbon Tetrachloride (µg/L)	Tetrachloroethene (PCE) (µg/L)	Trichloroethene (TCE) (µg/L)	Bromodichloromethane ² (µg/L)	Bromoform ¹ (µg/L)	Chlorobenzene ¹ (µg/L)	1,2,4-Trimethylbenzene ^{1,2} (µg/L)	1,3,5-Trimethylbenzene ^{1,2} (µg/L)	2-Chlorotoluene ^{1,2} (µg/L)	4-Chlorotoluene ^{1,2} (µg/L)	Dibromochloromethane ¹ (µg/L)	Isopropylbenzene ^{1,2} (µg/L)	n-Propylbenzene ^{1,2} (µg/L)	sec-Butylbenzene ^{1,2} (µg/L)	
New Mexico Water Quality Control Commission Human Health Standards		5	1,000	700	620	30	100	5	5	5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
EW-4	08/06/2021	<5.0	<5.0	<5.0	<7.5	<10	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/22/2022	<2.0	<2.0	<2.0	<3.0	<4.0	49	<2.0	<2.0	<2.0	2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
	09/12/2022	<1.0	<1.0	<1.0	<1.5	<2.0	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/07/2023	<1.0	<1.0	<1.0	<1.5	<2.0	120	2.4	2.6	1.2	5.7	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	
	08/23/2023	<1.0	<1.0	<1.0	<1.5	<2.0	150	3.1	3.3	1.3	5.1	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<1.0	
	02/20/2024	<1.0	<1.0	<1.0	<1.5	<2.0	22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/30/2024	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/2025	<1.0	<1.0	<1.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3/18/2026	<1.0	<1.0	<1.0	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Notes:

Concentrations in bold and yellow exceed the applicable WQCC HHS

¹ = Constituent is not identified as "toxic pollutant" under 20.6.2 New Mexico Administrative Code (NMAC).

² = Constituent is not identified as a priority pollutant under the Federal Clean Water Act (CWA).

^A - Monitoring well EW-1 was not sampled due to ice covering the well head.

µg/L = microgram per liter

NE = Not Established

NA = Not Analyzed

NS = Not Sampled

<1.0 = The numeral (in this case "1.0") identifies the laboratory reporting limit (RL) or practical quantitation limit (PQL).



TABLE 3
SUBSURFACE WATER ANALYTICAL SUMMARY - INORGANICS, PHYSICAL, AND CHEMICAL PROPERTIES
 Chaco Plant 3 Phase Separator (7/22/20)
 Enterprise Field Services LLC
 San Juan County, New Mexico

Sample I.D.	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrate + Nitrite (mg/L)	Bromide (mg/L)	Phosphorus (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	pH	Total Dissolved Solids (mg/L)	Conductivity (µmhos/c)	Total Alkalinity (mg/L Ca)
New Mexico Water Quality Control Commission Human Health Standards and Domestic Water Supply Standards		1.6	250	600	11	NE	NE	NE	NE	NE	NE	6-9	1,000	NE	NE
Water Sample Collected from the Temporary Monitoring Well															
TW-1/EW-1	03/24/2021	1.4	93	510	<1.00	0.90	<2.5	29	11	3.1	690	8.10	1,810	2,800	827.2
	03/18/2026	NA	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,600	NA	NA
EW-2	03/18/2026	NA	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,700	NA	NA
EW-3	03/18/2026	NA	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	NA	NA
EW-4	03/18/2026	NA	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,400 E	NA	NA

Notes:

Concentrations in **bold** and yellow exceed the applicable WQCC HHS or DWSS

mg/L = milligram per liter

µmhos/c = micromhos per centimeter

NA = Not Analyzed

NE = Not Established

<1.0 = The numeral (in this case "1.0") identifies the laboratory reporting limit (RL) or practical quantitation limit (PQL)

E - results exceed calibration range



APPENDIX A

Laboratory Analytical Reports & Chain of Custody Documentation



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Wes Weichert
Ensolum LLC
848 E 2nd Avenue
Durango, Colorado 81301
Generated 3/26/2026 2:08:24 PM

JOB DESCRIPTION

Chaco Plant Phase 3 Separator

JOB NUMBER

885-45597-1

Eurofins Albuquerque

Job Notes

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

Authorization



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3/26/2026 2:08:24 PM

Authorized for release by
John Caldwell, Project Manager
john.caldwell@et.eurofinsus.com
(505)345-3975

Client: Ensolum LLC
Project/Site: Chaco Plant Phase 3 Separator

Laboratory Job ID: 885-45597-1



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	10
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16

Definitions/Glossary

Client: Ensolum LLC

Job ID: 885-45597-1

Project/Site: Chaco Plant Phase 3 Separator

Qualifiers

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

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: Ensolum LLC
Project: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Job ID: 885-45597-1

Eurofins Albuquerque

Job Narrative 885-45597-1

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 3/19/2026 6:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

GC/MS VOA

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

HPLC/IC

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

General Chemistry

Method 2540C: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: EW-4 (885-45597-4). Reanalysis could not be performed due to holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

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

Eurofins Albuquerque



Client Sample Results

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Client Sample ID: TW-1/EW-1

Lab Sample ID: 885-45597-1

Date Collected: 03/18/26 13:37

Matrix: Water

Date Received: 03/19/26 06:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	34		2.0	ug/L			03/26/26 12:53	2
Ethylbenzene	18		2.0	ug/L			03/26/26 12:53	2
Toluene	ND		2.0	ug/L			03/26/26 12:53	2
Xylenes, Total	ND		3.0	ug/L			03/26/26 12:53	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		03/26/26 12:53	2
Toluene-d8 (Surr)	104		70 - 130		03/26/26 12:53	2
4-Bromofluorobenzene (Surr)	96		70 - 130		03/26/26 12:53	2
Dibromofluoromethane (Surr)	98		70 - 130		03/26/26 12:53	2

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.0	mg/L			03/22/26 17:18	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2600		100	mg/L			03/23/26 12:48	1

Client Sample Results

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Client Sample ID: EW-2

Lab Sample ID: 885-45597-2

Date Collected: 03/18/26 12:27

Matrix: Water

Date Received: 03/19/26 06:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			03/26/26 11:31	1
Ethylbenzene	ND		1.0	ug/L			03/26/26 11:31	1
Toluene	ND		1.0	ug/L			03/26/26 11:31	1
Xylenes, Total	ND		1.5	ug/L			03/26/26 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 130		03/26/26 11:31	1
Toluene-d8 (Surr)	103		70 - 130		03/26/26 11:31	1
4-Bromofluorobenzene (Surr)	95		70 - 130		03/26/26 11:31	1
Dibromofluoromethane (Surr)	98		70 - 130		03/26/26 11:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		5.0	mg/L			03/22/26 18:01	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2700		100	mg/L			03/23/26 12:48	1

Client Sample Results

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Client Sample ID: EW-3

Lab Sample ID: 885-45597-3

Date Collected: 03/18/26 11:38

Matrix: Water

Date Received: 03/19/26 06:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			03/26/26 11:58	1
Ethylbenzene	ND		1.0	ug/L			03/26/26 11:58	1
Toluene	ND		1.0	ug/L			03/26/26 11:58	1
Xylenes, Total	ND		1.5	ug/L			03/26/26 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 130		03/26/26 11:58	1
Toluene-d8 (Surr)	106		70 - 130		03/26/26 11:58	1
4-Bromofluorobenzene (Surr)	96		70 - 130		03/26/26 11:58	1
Dibromofluoromethane (Surr)	99		70 - 130		03/26/26 11:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		5.0	mg/L			03/22/26 18:23	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2800		100	mg/L			03/23/26 12:48	1

Client Sample Results

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Client Sample ID: EW-4

Lab Sample ID: 885-45597-4

Date Collected: 03/18/26 13:05

Matrix: Water

Date Received: 03/19/26 06:30

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			03/26/26 12:26	1
Ethylbenzene	ND		1.0	ug/L			03/26/26 12:26	1
Toluene	ND		1.0	ug/L			03/26/26 12:26	1
Xylenes, Total	ND		1.5	ug/L			03/26/26 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		03/26/26 12:26	1
Toluene-d8 (Surr)	108		70 - 130		03/26/26 12:26	1
4-Bromofluorobenzene (Surr)	97		70 - 130		03/26/26 12:26	1
Dibromofluoromethane (Surr)	98		70 - 130		03/26/26 12:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		5.0	mg/L			03/22/26 18:44	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3400	E	50	mg/L			03/23/26 12:48	1

QC Sample Results

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-45525/4
 Matrix: Water
 Analysis Batch: 45525

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			03/26/26 02:22	1
Ethylbenzene	ND		1.0	ug/L			03/26/26 02:22	1
Toluene	ND		1.0	ug/L			03/26/26 02:22	1
Xylenes, Total	ND		1.5	ug/L			03/26/26 02:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		03/26/26 02:22	1
Toluene-d8 (Surr)	109		70 - 130		03/26/26 02:22	1
4-Bromofluorobenzene (Surr)	94		70 - 130		03/26/26 02:22	1
Dibromofluoromethane (Surr)	98		70 - 130		03/26/26 02:22	1

Lab Sample ID: LCS 885-45525/3
 Matrix: Water
 Analysis Batch: 45525

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	16.1		ug/L		81	70 - 130
Toluene	20.0	21.4		ug/L		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-45249/4
 Matrix: Water
 Analysis Batch: 45249

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			03/22/26 11:52	1

Lab Sample ID: LCS 885-45249/5
 Matrix: Water
 Analysis Batch: 45249

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.14		mg/L		103	90 - 110

Lab Sample ID: MRL 885-45249/3
 Matrix: Water
 Analysis Batch: 45249

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.542		mg/L		108	50 - 150

Eurofins Albuquerque

QC Sample Results

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

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

Lab Sample ID: MB 885-45324/1
 Matrix: Water
 Analysis Batch: 45324

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			03/23/26 12:48	1

Lab Sample ID: LCS 885-45324/2
 Matrix: Water
 Analysis Batch: 45324

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	1020		mg/L		101	80 - 120

QC Association Summary

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

GC/MS VOA

Analysis Batch: 45525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-45597-1	TW-1/EW-1	Total/NA	Water	8260B	
885-45597-2	EW-2	Total/NA	Water	8260B	
885-45597-3	EW-3	Total/NA	Water	8260B	
885-45597-4	EW-4	Total/NA	Water	8260B	
MB 885-45525/4	Method Blank	Total/NA	Water	8260B	
LCS 885-45525/3	Lab Control Sample	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 45249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-45597-1	TW-1/EW-1	Total/NA	Water	300.0	
885-45597-2	EW-2	Total/NA	Water	300.0	
885-45597-3	EW-3	Total/NA	Water	300.0	
885-45597-4	EW-4	Total/NA	Water	300.0	
MB 885-45249/4	Method Blank	Total/NA	Water	300.0	
LCS 885-45249/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-45249/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 45324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-45597-1	TW-1/EW-1	Total/NA	Water	2540C	
885-45597-2	EW-2	Total/NA	Water	2540C	
885-45597-3	EW-3	Total/NA	Water	2540C	
885-45597-4	EW-4	Total/NA	Water	2540C	
MB 885-45324/1	Method Blank	Total/NA	Water	2540C	
LCS 885-45324/2	Lab Control Sample	Total/NA	Water	2540C	

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum LLC
 Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Client Sample ID: TW-1/EW-1

Lab Sample ID: 885-45597-1

Date Collected: 03/18/26 13:37

Matrix: Water

Date Received: 03/19/26 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	45525	JP	EET ALB	03/26/26 12:53
Total/NA	Analysis	300.0		10	45249	JT	EET ALB	03/22/26 17:18
Total/NA	Analysis	2540C		1	45324	KS	EET ALB	03/23/26 12:48

Client Sample ID: EW-2

Lab Sample ID: 885-45597-2

Date Collected: 03/18/26 12:27

Matrix: Water

Date Received: 03/19/26 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	45525	JP	EET ALB	03/26/26 11:31
Total/NA	Analysis	300.0		10	45249	JT	EET ALB	03/22/26 18:01
Total/NA	Analysis	2540C		1	45324	KS	EET ALB	03/23/26 12:48

Client Sample ID: EW-3

Lab Sample ID: 885-45597-3

Date Collected: 03/18/26 11:38

Matrix: Water

Date Received: 03/19/26 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	45525	JP	EET ALB	03/26/26 11:58
Total/NA	Analysis	300.0		10	45249	JT	EET ALB	03/22/26 18:23
Total/NA	Analysis	2540C		1	45324	KS	EET ALB	03/23/26 12:48

Client Sample ID: EW-4

Lab Sample ID: 885-45597-4

Date Collected: 03/18/26 13:05

Matrix: Water

Date Received: 03/19/26 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	45525	JP	EET ALB	03/26/26 12:26
Total/NA	Analysis	300.0		10	45249	JT	EET ALB	03/22/26 18:44
Total/NA	Analysis	2540C		1	45324	KS	EET ALB	03/23/26 12:48

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum LLC
Project/Site: Chaco Plant Phase 3 Separator

Job ID: 885-45597-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-27

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: Ensolum LLC

Job Number: 885-45597-1

Login Number: 45597

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



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 579802

CONDITIONS

Operator: ENTERPRISE FIELD SERVICES L.L.C. PO Box 4324 Houston, TX 77210	OGRID: 151618
	Action Number: 579802
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	5/5/2026
amaxwell	Request to remove TDS as a COC must be submitted as a standalone report.	5/5/2026