

June 23, 2025

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: **Remediation Work Plan New Wave FNR Frac Pond** Incident Number nAPP2502160252 **Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of New Wave Energy (New Wave) and Mewbourne Oil Company (Mewbourne), has prepared the following Remediation Work Plan (Work Plan) to document assessment, delineation, soil sampling, and excavation activities completed to date and propose additional excavation to address impacted soil identified at the New Wave FNR Frac Pond (Site). The purpose of the remediation activities was to address impacted soil resulting from a release of produced water at the Site. The following Work Plan proposes additional excavation in conjunction with a separate Incident Number (NAPP2323237413) with an approved Remediation Work Plan.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit C, Section 19, Township 23 South, Range 30 East, in Eddy County, New Mexico (32.294861°, -103.924917°) and is associated with oil and gas exploration and production operations on private land owned by Forrest and Vickie (JT) Connally.

On January 7, 2025, human error resulted in the release of 23 barrels (bbls) of produced water from a line at the top of the berm of the frac pond, which flowed downhill adjacent to a steel lined containment and then west across the facility entrance and lease road. No fluids were recovered. Mewbourne reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) and Initial C-141 Application (C-141) on January 21, 2025. The release was assigned Incident Number NAPP2502160252.

The release overlapped Incident Number NAPP2323237413 on the southern portion of the release. The NMOCD approved a Remediation Work Plan (NAPP2323237413 Work Plan) that was submitted on July 31, 2024, and approved on March 12, 2025. The NAPP2323237413 Work Plan proposed excavation of impacted soil and soil washing. On August 19, 2023, equipment failure resulted in the release of 80 barrels (bbls) of produced water onto the pad and pasture; 20 bbls of fluids were recovered. Solaris Water Midstream, LLC (Solaris) reported the release to the NMOCD via email and Initial C-141 on August 20, 2023. The release was assigned Incident Number NAPP2323237413. The release extent for NAPP2323237413 as well as NAPP2502160252 is depicted on Figure 2.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC).

New Wave Energy Remediation Work Plan New Wave FNR Frac Pond

Results from the characterization desktop review are presented below and potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. On January 26, 1996, a New Mexico Office of the State Engineer (NMOSE) permitted well (C-2486) was advanced to a depth of 350 feet below ground surface (bgs) approximately 0.54 miles south of the Site. The well was recorded as a dry hole. The Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash located approximately 35 feet south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by unstable geology (high potential karst designation area).

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On February 23, 2025, Ensolum personnel conducted Site assessment and delineation activities to evaluate the release extent based on information provided on the C-141 and visual observations. Six delineation potholes (PH01 through PH06) were advanced within the release extent, via heavy equipment, to depths ranging from 2 feet to 5 feet bgs to assess the vertical extent of the release. Discrete delineation soil samples were collected from each pothole at depths ranging from 2 feet to 5 feet bgs. On March 12, 2025, an additional delineation soil sample (SS10) was collected at 0.5 feet bgs to further define the lateral extent of the release. Soil from the potholes and delineation soil sample were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix B. Field screening results and observations were logged on lithological/soil sampling logs, which are included in Appendix C. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico or Eurofins Environment Testing (Eurofins) in Carlsbad, New Mexico, for analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500 or EPA Method 300.0.



New Wave Energy Remediation Work Plan New Wave FNR Frac Pond

Laboratory analytical results for delineation soil samples PH01 through PH06 indicated chloride concentrations exceeded the Closure Criteria at depths ranging from 0.5 feet to 5-feet bgs. The terminal depth sample from each delineation pothole, with the exception of PH04 collected at 5 feet bgs, indicated concentrations of all COCs were compliant with the Closure Criteria and successfully defined the vertical extent of impacted soil.

EXCAVATION ACTIVITIES

Between March 7 and March 27, 2025, Ensolum personnel returned to the Site to excavate impacted soil based on delineation soil sample laboratory analytical results. Excavation activities were performed utilizing heavy equipment to the maximum extent practicable (MEP) due to the proximity to active production equipment and surface pipelines. To direct excavation activities, soil was field screened for VOCs and chloride. Once field screening indicated impacted soil was adequately removed, 5-point composite soil samples were collected every 200 square feet from the floor and sidewall of the excavation extent. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples FS01 through FS33 were collected from the floor of the excavation from depths ranging from 2 feet to 10 feet bgs. Confirmation soil samples SW01 through SW20 were collected from the sidewall of the excavation at depths ranging from the ground surface to 10 feet bgs. All confirmation soil sample locations are depicted on Figure 3.

Laboratory analytical results for confirmation soil samples FS01 through FS16, FS18A, and FS24A through FS32, collected from the floor of the excavation, indicated concentrations of all COCs were compliant with the Closure Criteria and successfully defined the vertical extent of the release. Laboratory analytical results for delineation soil sample SS10, and confirmation soil samples SW01 through SW12, collected outside of the release extent and from the sidewalls of the excavation, indicated concentrations of all COCs were compliant with the Closure Criteria and successfully defined the lateral extent of the release. Laboratory analytical results for confirmation soil samples FS19 through FS23 and FS33, collected from the floor of the excavation, indicated chloride concentration exceeded Closure Criteria. Additionally, laboratory analytical results from confirmation soil samples SW13 through SW20, collected from the sidewalls of the excavation, indicated chloride concentrations exceeded Closure Criteria. Laboratory Analytical Reports & Chain-of-Custody Documentation are presented in Appendix D.

The final excavation extent measured approximately 8,883 square feet. A total of approximately 1,100 cubic yards of impacted soil was removed during excavation activities and was properly disposed of at the R360 Halfway Disposal Facility in Hobbs, New Mexico. A copy of the disposal manifests are included in Appendix E.

Beyond confirmation soil sample FS12, an older release identified by Incident Number NAPP2323237413 overlaps the release extent of Incident Number nAPP2502160252. As such, New Wave and Mewbourne agreed to work with Solaris in order to excavate the impacted soil overlapping both releases.

PROPOSED REMEDIATION WORK PLAN

The delineation soil sampling results indicate soil containing elevated chloride concentrations exists across an approximate 2,243 square foot area and extends to a maximum depth of 10 feet bgs. Mewbourne proposes to complete the following remediation activities in order to work with Solaris to excavate the overlapping releases:



New Wave Energy Remediation Work Plan New Wave FNR Frac Pond

- Excavation of chloride impacted soil to a depth of 10 feet bgs. Excavation will proceed laterally until sidewall samples confirm chloride concentrations are compliant with the Closure Criteria.
- An estimated 831 cubic yards of chloride impacted soil will be excavated. The excavated soil will be transferred a New Mexico approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing conditions.

Solaris is proceeding with the approved NAPP2323237413 *Work Plan*. Mewbourne and New Wave will submit sample notifications in order to complete confirmation soil sampling in concordance with Solaris until confirmation soil samples are in compliance with the Closure Criteria. A *Closure Report* or *Deferral Request* will be submitted within 30 days of receipt of final laboratory analytical reports.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely, **Ensolum, LLC**

Jeremy Reich Project Geologist

Jos S

Tacoma Morrissey Associate Principal

Mouissey

cc: Connor Walker, Mewbourne Brock Molander, New Wave

Forrest and Vickie (JT) Connally, Private Landowners

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Figure 3 Confirmation Soil Sample Locations
Table 1 Soil Sample Analytical Results

Appendix A Referenced Well Records

Appendix B Photographic Log

Appendix C Lithologic / Soil Sampling Logs

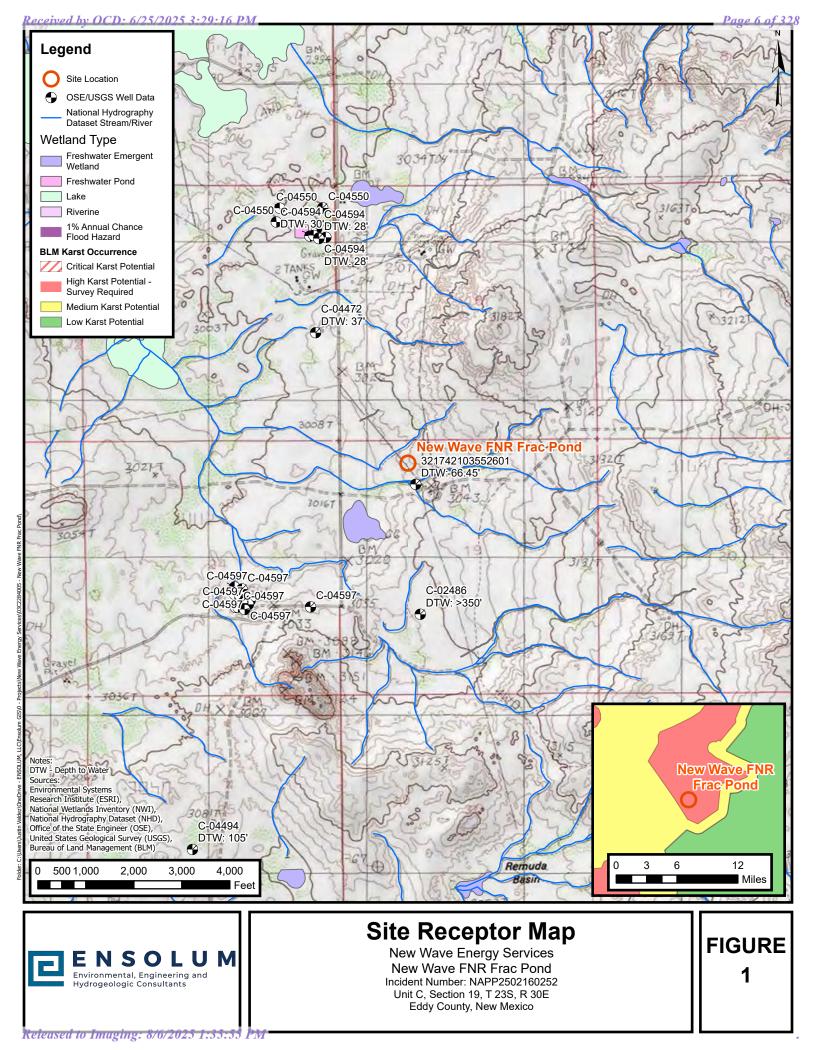
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

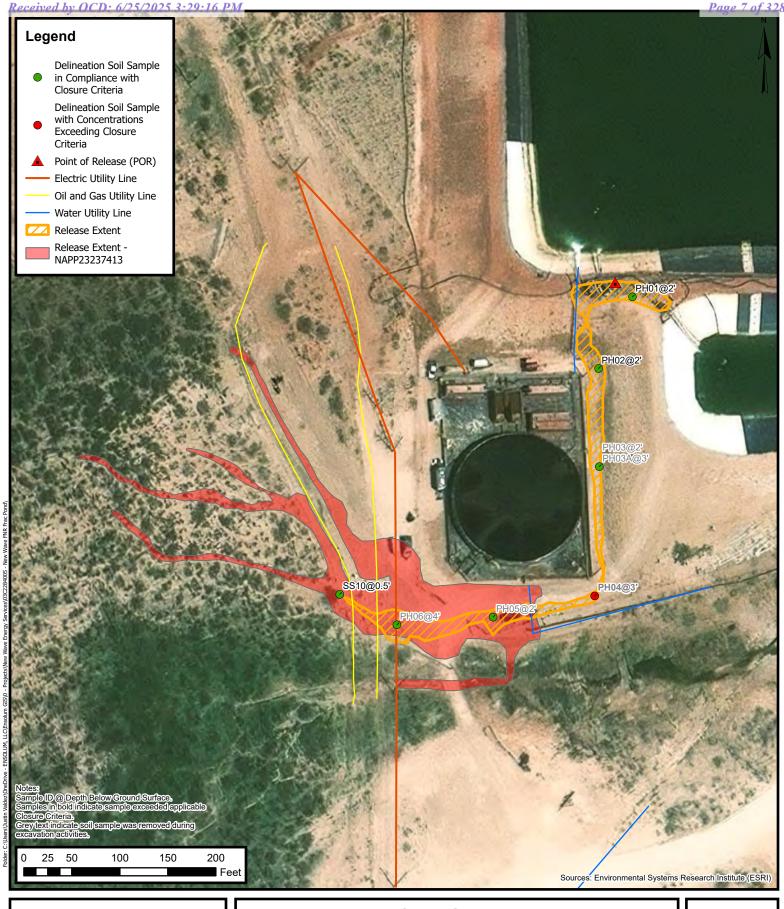
Appendix E Waste Manifests





FIGURES

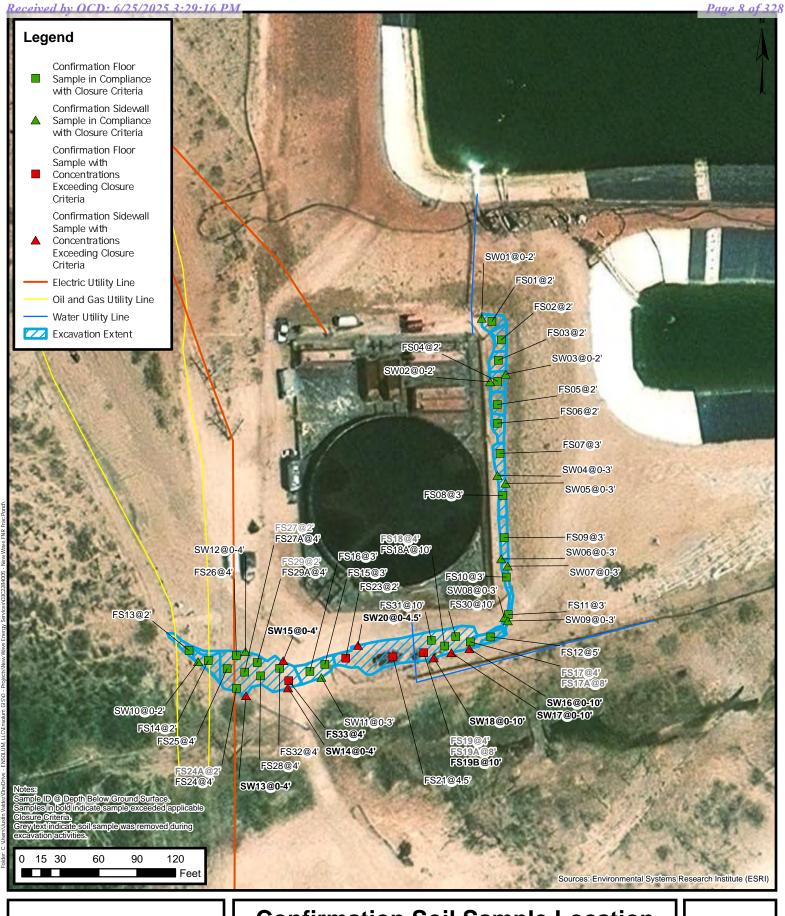






Delineation Soil Sample Locations

New Wave Energy Services New Wave FNR Frac Pond Incident Number: NAPP2502160252 Unit C, Section 19, T 23S, R 30E Eddy County, New Mexico FIGURE 2





Confirmation Soil Sample Location

New Wave Energy Services New Wave FNR Frac Pond Incident Number: NAPP2502160252 Unit C, Section 19, T 23S, R 30E Eddy County, New Mexico FIGURE 3



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS New Wave FNR Frac Pond New Wave Energy Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Delir	neation Soil Sai	nples				
PH-01	02/03/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
PH-02	02/03/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
PH-03	02/03/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
PH-03A	02/03/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
PH-04	02/03/2025	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
PH-05	02/03/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
PH-06	02/03/2025	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
SS10	03/12/2025	0.5	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	367
				Conf	firmation Soil Sa	mples				
FS01	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS02	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS03	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS04	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
FS05	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS06	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS07	03/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS08	03/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS09	03/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS10	03/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS11	03/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
FS12	03/07/2025	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
FS13	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
FS14	03/07/2025	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
FS15	03/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS16	03/07/2025	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
FS17	03/12/2025	4	<0.00202	<0.00404	<49.6	<49.6	<49.6	<49.6	<49.6	1,490
FS17A	03/26/2025	8	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	850
FS18	03/12/2025	4	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	1,500
FS18A	03/26/2025	10	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	574

Ensolum 1 of 3



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS New Wave FNR Frac Pond New Wave Energy Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I C	losure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
FS19	03/12/2025	4	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	1,390
FS19A	03/26/2025	8	<0.00202	<0.00403	< 50.0	<50.0	<50.0	<50.0	<50.0	775
FS19B	03/28/2025	10	<0.00200	<0.00399	<49.6	<49.6	<49.6	<49.6	<49.6	1,260
FS21	03/26/2025	4.5	<0.00198	<0.00397	<50.5	<50.5	<50.5	<50.5	<50.5	749
FS23	03/24/2025	2	<0.00198	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	787
FS24	03/24/2025	2	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	879
FS24A	03/26/2025	4	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	285
FS25	03/26/2025	4	<0.00200	<0.00399	<50.3	<50.3	<50.3	<50.3	<50.3	244
FS26	03/26/2025	4	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	435
FS27	03/24/2025	2	<0.00198	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	550
FS27A	03/26/2025	4	<0.00200	<0.00400	<55.2	<55.2	<55.2	<55.2	<55.2	462
FS28	03/26/2025	4	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	339
FS29	03/24/2025	2	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	517
FS29A	03/26/2025	4	<0.00200	<0.00401	<49.6	<49.6	<49.6	<49.6	<49.6	313
FS30	03/26/2025	10	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	548
FS31	03/26/2025	10	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	591
FS32	03/27/2025	4	<0.00140	<0.00230	<14.4	<15.0	<15.0	<15.0	<15.0	559
FS33	03/27/2025	4	<0.00139	<0.00228	<14.6	<15.2	<15.2	<15.2	<15.2	843
SW01	03/07/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW02	03/07/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW03	03/07/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW04	03/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW05	03/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW06	03/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW07	03/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW08	03/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW09	03/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SW10	03/07/2025	0-2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW11	03/07/2025	0-3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW12	03/26/2025	0-4	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	555
SW13	03/26/2025	0-4	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	1,320



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS New Wave FNR Frac Pond New Wave Energy Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Cl	osure Criteria (l	NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SW14	03/27/2025	0-4	<0.00138	<0.00226	<14.7	<15.3	<15.3	<15.3	<15.3	683
SW15	03/27/2025	0-4	<0.00139	<0.00228	<14.4	<15.0	<15.0	<15.0	<15.0	1,040
SW16	03/27/2025	0-10	0.00144	0.00262	<14.5	<15.1	<15.1	<15.1	<15.1	1,520
SW17	03/27/2025	0-10	0.00151	0.00291	<14.5	<15.1	<15.1	<15.1	<15.1	1,260
SW18	03/27/2025	0-10	<0.00140	<0.00229	<14.6	<15.2	<15.2	<15.2	<15.2	1,170
SW20	03/26/2025	0-4.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	815

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation

requirement where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

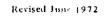
NMAC: New Mexico Administrative Code

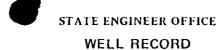
Grey text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records





Section 1 GENERAL INFORMATION

A) Owner of	т							
						Own		
Street or l	Post Office Ac	Idress P.O.	<u>Box 76</u>	5.4				
City and S	State HOD	DS, NM	88240	, , , , , , , , , , , , , , , , , , ,				
Vall was drilled	under Permit	No			and is locate	od in the		
						1		
a. SW	_ 1/4 1/4	i ¼	¼ of Se	ection	<u> 9</u> Township	23S Ra	nge 30E	N,M.P.
b, Tract N	No	of Map No.		of	the		· · · · · · · · · · · · · · · · · · ·	
c. Lot No Subdiv	ision recorde	d in		01	County			
Subatt	ision, recorde				_ county.			
d. X=		_ feet, Y=		feet,	N.M. Coordinate	System	·-····································	Zone
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B) Drilling Co	ontractor me	SC ICAUS W	acei wei	1 Jety IC	<u> </u>	License No	MDIIOT	
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		•						
Prilling Began 💄	01-20-90	Comp	letedU1	-29-90	Type tools _	air/rotary	Size of	hole <u>8-3/4</u> i
launtian of lan	مد مماسید			01.	wall is	ft, Total deptl	, af wall	350
ievation of fan	u surface or			dl '	well is	it. Total depti	OI Well	
ompleted well	is 🗆 s	hallow 🗀 a	rtesian.		Depth to water	er upon completion	n of well	:
		· · · · · · · · · · · · · · · · · · ·	tion 2, PRIN	CIPAL WA'	FER-BEARING S	STRATA	-T	
Depth i		Thickness in Feet		Description	of Water-Bearing	Formation		nated Yield s per minute)
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l		.L. <u></u>					_ _	
			Section	on 3. RECOL	RD OF CASING			
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(inches)	per foot	per in.	Тор	Bottom		Type of Sh	Fr	om To
		per in.		Bottom		Type of Sh	Fr	om To
		per in.		Bottom		Type of Sh	Fr	om To
		per in.		Bottom		Type of Sh	Fr	om To
		per in.		Bottom		Type of Sh	I'r	om To
		per in.		Bottom		Type of Sh	l'r	om To
			Тор		(feet)		l'r	om To
(inches)	per foot	Secti	Top	ORD OF MUI	(feet)		Pr	om To
(inches)	per foot	Secti- Hole	on 4. RECO	ORD OF MUI	ODING AND CE	MENTING	od of Placen	
(inches)	per foot	Secti	Top	ORD OF MUI	(feet)	MENTING	Pr	nent
(inches)	per foot	Secti- Hole	on 4. RECO	ORD OF MUI	ODING AND CE	MENTING	od of Placen	nent S S S
(inches)	per foot	Secti- Hole	on 4. RECO	ORD OF MUI	ODING AND CE	MENTING	od of Placen	nent S S S
(inches)	per foot	Secti- Hole	on 4. RECO	ORD OF MUI	ODING AND CE	MENTING	od of Placen	nent S S S
(inches)	per foot	Secti- Hole	on 4. RECO	ORD OF MUI	ODING AND CE	MENTING	od of Placen	nent S S S
(inches)	per foot	Secti- Hole	on 4. RECO	ORD OF MUI	ODING AND CE	MENTING	od of Placen	nent S S S
(inches)	per foot	Secti- Hole	on 4. RECO	ORD OF MUI	DDING AND CE Cubic Feet of Cement	MENTING	od of Placen	nent S S S
Depth From	per foot in Feet To	Secti- Hole Diameter	on 4. RECO Sac of M	ORD OF MUI	ODING AND CE	MENTING	od of Placen	nent S S S
Depth From	per foot in Feet To	Secti- Hole Diameter	on 4. RECO Sac of M Section	on 5. PLUGO	DDING AND CE Cubic Feet of Cement	MENTING	od of Placen	96 SEP 25 RM 10 STATE ENGINEER OF
Depth i From	per foot in Feet To getor West West Unive	Secti Hole Diameter	Section Well Sessa, TX	on 5. PLUGO	ODING AND CE Cubic Feet of Cement	MENTING	od of Placen	STATE ENGINEER OFF
Depth i From Stugging Contra Midress 3432	per foot in Feet To west Unive	Secti- Hole Diameter Texas Watersity, Ode	Section Well Sessa, TX	on 5. PLUGO	DDING AND CE Cubic Feet of Cement	MENTING Meth Depth in	od of Placen Feet 0 Bottom	STATE ENGINEER OF Formant
Depth i From Plugging Contra 3432 Uugging Metho Date Well Plugg	per foot in Feet To West West Unive u pumped	Secti- Hole Diameter Texas Watersity, Ode	Section Well Sessa, TX	on 5. PLUGO	ODING AND CE Cubic Feet of Cement GING RECORD No.	MENTING Meth	od of Placen	STATE ENGINEER OFF
Depth i From Plugging Contra	per foot in Feet To West West Unive u pumped	Secti- Hole Diameter Texas Watersity, Ode	Section Well Sessa, TX	on 5. PLUGO	ODING AND CE Cubic Feet of Cement GING RECORD No. 1 2	MENTING Meth Depth in	od of Placen Feet 0 Bottom	STATE ENGINEER OF Formant
Depth i From Suddress 3432 Sugging Metho	per foot in Feet To West West Unive u pumped	Secti Hole Diameter Texas Watersity, Ode cement sl	Section Well Sessa, TX	on 5. PLUGO Service 79764	ODING AND CE Cubic Feet of Cement GING RECORD No. 1 2 3	MENTING Meth Depth in	od of Placen Feet 0 Bottom	STATE ENGINEER OF Formant
Depth i From Plugging Contra 3432 Uugging Metho Date Well Plugg	per foot in Feet To West West Unive u pumped	Secti Hole Diameter Texas Watersity, Ode cement sl	Section Well Sessa, TX	on 5. PLUGO Service 79764	ODING AND CE Cubic Feet of Cement GING RECORD No. 1 2	MENTING Meth Depth in	od of Placen Feet 0 Bottom	STATE ENGINEER OF Formant
Depth i From Plugging Contra 3432 Uugging Metho Date Well Plugg	per foot in Feet To West West Unive u pumped	Secti Hole Diameter Texas Watersity, Ode cement sl	Section Well Sessa, TX urry	on 5. PLUGO Service 79764	ODING AND CE Cubic Feet of Cement GING RECORD No. 1 2 3	Depth in Top	od of Placen Feet 0 Bottom	STATE ENGINEER OF Formant
Oepth i From Plugging Contra Address 3432 Plugging Metho Date Well Plugg	per foot in Feet To West West Unive u pumped	Secti- Hole Diameter Texas Watersity, Odersity, Odersent sl	Section Well Sessa, TX urry	on 5. PLUGO Service 79764	ODING AND CECUBIC Feet of Cement SING RECORD No. 1 2 3 4 ENGINEER ON	Depth in Top 0	od of Placen Feet Och Bottom 7 350	STATE ENGINEER OF FOR ONE 133
Depth i From 3432 Address 3432 Plugging Metho Date Well Plugging approv	per foot in Feet To Yest West Unive d_pumped d=01-29 yed by:	Secti- Hole Diameter Texas Watersity, Odersity, Odersent sl	Section Well Sessa, TX urry	on 5. PLUGO Service 79764	ODING AND CECUBIC Feet of Cement SING RECORD No. 1 2 3 4 ENGINEER ON	Depth in Top	od of Placen Feet Och Bottom 7 350	STATE ENGINEER OF FOR ONE 133
Depth i From Address 3432 lugging Metho Date Well Plugg	per foot in Feet To Yest West Unive d_pumped d=01-29 yed by:	Secti- Hole Diameter Texas Watersity, Odersity, Odersent sl	Section Well Sessa, TX urry	on 5. PLUGO Service 79764	DDING AND CECUBIC Feet of Cement SING RECORD I 2 3 4 ENGINEER ON	Depth in Top 0	od of Placen Feet 0 Bottom 350	SANTA FENER OF FOR SEL

			Section 6. LOG OF HOLE
Depth	in Feet	Thickness in Feet	Color and Type of Material Encountered
From 0	10	1	-Sand
1	18	17	Caliche
18	27	9	Sand
27	48	21	Caliche
48	80	32	Sand/small gravel (windmill water 5 gpm)
80	235	155	Brown sandy shale
235	350	115	Dark brown sandstone, hard, no water

47-18-14-14-14-14-14-14-14-14-14-14-14-14-14-			
			O3,
		Section	7. REMARKS AND ADDITIONAL INFORMATION
7m 3		Section	A TEST
		-	
Na.			
1889 () 1870 - 1880 1871 - 1882 1871 - 1882 1871 - 1882			7. REMARKS AND ADDITIONAL INFORMATION 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above Louis & Colles described hole.



APPENDIX B

Photographic Log



Photographic Log

New Wave Energy New Wave FNR Frac Pond Eddy County, New Mexico





Photograph: 1 Date: 2/3/2025

Description: Delineation activities - PH01

View: Northwest

Photograph: 2 Date: 2/3/2025

Description: Delineation activities - PH04

View: South





Photograph: 3 Date: 2/3/2025

Description: Delineation activities near PH06

View: Northwest

Photograph: 4 Date: 3/3/2025

Description: Excavation activities near PH02

View: Northeast

E ENSOLUM

Photographic Log

New Wave Energy New Wave FNR Frac Pond Eddy County, New Mexico

© 126°SE (T) LAT: 32.295591 LON: -103.925524 ±13ft ▲ 3034ft



@ 140°SE (T) LAT: 32.295495 LON: -103.925379 ±13ft ▲ 3033ft



Photograph: 5 Date: 3/12/2025

Excavation activities near: SW10, SW12, Description:

SW13, FS13, FS14. FS25

View: Northwest

Photograph: 6 Date:3/27/2025

Description: Excavation activities near: FS29, FS28, FS32, FS33, FS16, SW13, SW14, SW11

View: Southwest

© 39°NE (T) LAT: 32.295467 LON: -103.924785 ±6ft ▲ 3036ft



© 101°E (T) LAT: 32.295499 LON: -103.924999 ±9ft ▲ 3041ft



Photograph: 7 Date: 3/27/2025

Excavation activities near: FS18, FS30, FS17, SW18, SW17 Description:

View: Northwest

Photograph: 8 Date: 3/27/25

Excavation activities near: FS20, FS19, SW18, SW17 Description:

View: East



APPENDIX C

Lithologic Soil Sampling Logs

7								Sample Name: PH01	Date: 02/03/2025
			N					Site Name: New Wave FNR Frac	
L	•		V	3	OL	_ U	IV	Incident Number: nAPP250216	
								Job Number: 03C2284005	
		LITHOL	OGI	C / SOIL S	SAMPLING	LOG		Logged By: Jesse Dorman	Method: backhoe
oord		2.296366,						Hole Diameter: 36"	Total Depth: 2'
					ith HACH Ch	loride Test S	trips and	PID for chloride and vapor, resp	•
erfor	med with	n 1:4 dilut	tion f	actor of soi	l to distilled	water. 40%	correction	n factors included.	
Moisture	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic [Descriptions
D	476	0.0	N		1 - - - -	0 - - 1 -	SC	Reddish brown clay w/ sil staining, no odor.	t/sand, very fine, no
D	336	0.0	N	PH01A	2	_ 2	SC	 Reddish brown clay w/ sil	t/sand, very fine, no
								staining, no odor.	
								Total Depth 2' bgs	
			_						
			\						

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.	LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Roordinates: 32.296162, -103.924670 Hole Diameter: 36" Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test berformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Somple De	Dob Number: 03C2284005 LiTHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Coordinates: 32.296162, -103.924670 Hole Diameter: 36" Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth Depth Sample Depth (ft bgs) Sample Depth (ft bgs) Sample Depth SS Sample Depth SS Sample Depth SS SS SS SS SS SS SS	E								Sample Name: PH02	Date: 02/03/2025
LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Logged By: Jesse Dorman Logged By: Jesse Dorman Method: backhoe Logged By: Jesse Dorman Logged By: Jesse Dorman Method: backhoe Logged By: Jesse Dorman Logged By: Jesse Dorma	LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Roordinates: 32.296162, -103.924670 Hole Diameter: 36" Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test berformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Somple De	Dob Number: 03C2284005 LiTHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Coordinates: 32.296162, -103.924670 Hole Diameter: 36" Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth Depth Sample Depth (ft bgs) Sample Depth (ft bgs) Sample Depth SS Sample Depth SS Sample Depth SS SS SS SS SS SS SS				N	C			M	Site Name: New Wave FNR Frac	Pond
LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Coordinates: 32.296162, -103.924670 Hole Diameter: 36" Total Depth: 2' Total Depth	LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Coordinates: 32.296162, -103.924670 Hole Diameter: 36" Total Depth: 2' Total Depth	LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Coordinates: 32.296162, -103.924670 Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test berformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Sample Depth (ft bgs) Depth (ft bgs) Soil Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Soil Depth (ft bgs) Depth (ft bgs)				1				A		
Hole Diameter: 36" Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test serformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Sample Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Sample Depth (ft bgs) Soil Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test serformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth (ft bgs) Sample Depth (ft bgs) Soil Total Depth: 2' Chloride test strips and PID for chloride and vapor, respectively. Chloride test serformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Eithologic Descriptions Brown clay/sand w/silt, very fine, no staining, no odor. D 425.6 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor.	Hole Diameter: 36" Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test serformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Sample Depth (ft bgs) Depth (ft bgs) Scriptions Brown clay/sand w/silt, very fine, no staining, no odor. Depth Scriptions Total Depth: 2' Total Depth:	Hole Diameter: 36" Total Depth: 2' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test serformed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Depth (ft bgs) Depth (ft bgs) Depth (ft bgs) Sample Depth (ft bgs) Depth (ft bgs) Scriptions Brown clay/sand w/silt, very fine, no staining, no odor. Depth Scriptions Total Depth: 2' Total Depth:									Job Number: 03C2284005	
Depth (ft bgs) Depth (ft bgs)	Depth (ft bgs) Depth (ft bgs)	Depth (ft bgs) Depth (ft bgs)			LITHOL	ogi	C / SOIL S	AMPLING	LOG		Logged By: Jesse Dorman	
D 380.8 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor. D 425.6 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor.	Depth (ft bgs) Depth (ft bgs)	Depth (ft bgs) Depth (ft bgs)										· ·
D 380.8 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor.	D 380.8 0.0 N PH02A 2 T 2 SC Brown clay/sand w/silt, very fine, no staining, no odor. Brown clay/sand w/silt, very fine, no staining, no odor.	D 380.8 0.0 N PH02A 2 T 2 SC Brown clay/sand w/silt, very fine, no staining, no odor. Brown clay/sand w/silt, very fine, no staining, no odor.				-				•		ectively. Chloride test
D 380.8 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor. Brown clay/sand w/silt, very fine, no staining, no odor.	D 380.8 0.0 N PH02A 2 1 SC Brown clay/sand w/silt, very fine, no staining, no odor. Brown clay/sand w/silt, very fine, no staining, no odor. SC Brown clay/sand w/silt, very fine, no staining, no odor.	D 380.8 0.0 N PH02A 2 1 SC Brown clay/sand w/silt, very fine, no staining, no odor. Brown clay/sand w/silt, very fine, no staining, no odor. SC Brown clay/sand w/silt, very fine, no staining, no odor.	Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Depth	(ft bgs)	USCS/Rock Symbol	Lithologic D	Descriptions
D 380.8 0.0 N PH02A 2 1 SC staining, no odor. D 425.6 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor.	D 380.8 0.0 N PH02A 2 1 SC staining, no odor. D 425.6 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor.	D 380.8 0.0 N HO2A 2 1 SC staining, no odor. D 425.6 0.0 N PH02A 2 2 SC Brown clay/sand w/silt, very fine, no staining, no odor.						1	_ 0 -			
staining, no odor.	staining, no odor.	staining, no odor.	D	380.8	0.0	N		- - - -	1	SC	•	ery fine, no
Total Depth 2' bgs	Total Depth 2' bgs	Total Depth 2' bgs	D	425.6	0.0	N	PH02A	2	2	SC	*	ery fine, no
											Total Depth 2' bgs	
						\						

D

649.6

0

PH03A

3

Date: 02/03/2025 Sample Name: PH03 ENSOLUM Site Name: New Wave FNR Frac Pond Incident Number: nAPP2502160252 Job Number: 03C2284005 LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Total Depth: 3' Coordinates: 32.295881, -103.924670 Hole Diameter: 36" Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. USCS/Rock Symbol Sample ID Chloride Sample Content (mdd) Depth Depth **Lithologic Descriptions** (ft bgs) (ft bgs) 0 Brown clay/sand w/silt, very fine, no staining, no D 476 0.0 1 SC Ν odor. D 649.6 Ν PH03 2 2 0.0 SC Brown clay/sand w/silt, very fine, no staining, no odor.

3

SC

no odor.

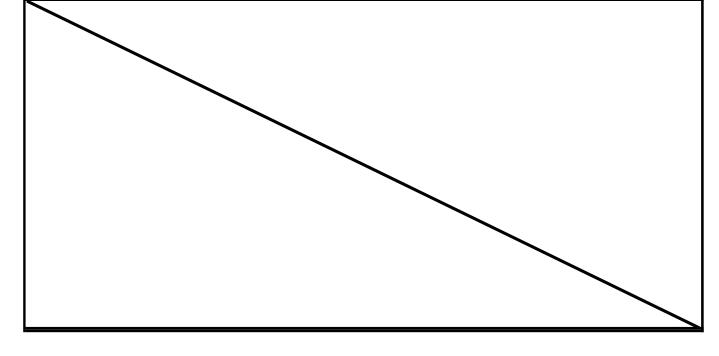
Total Depth 3' bgs

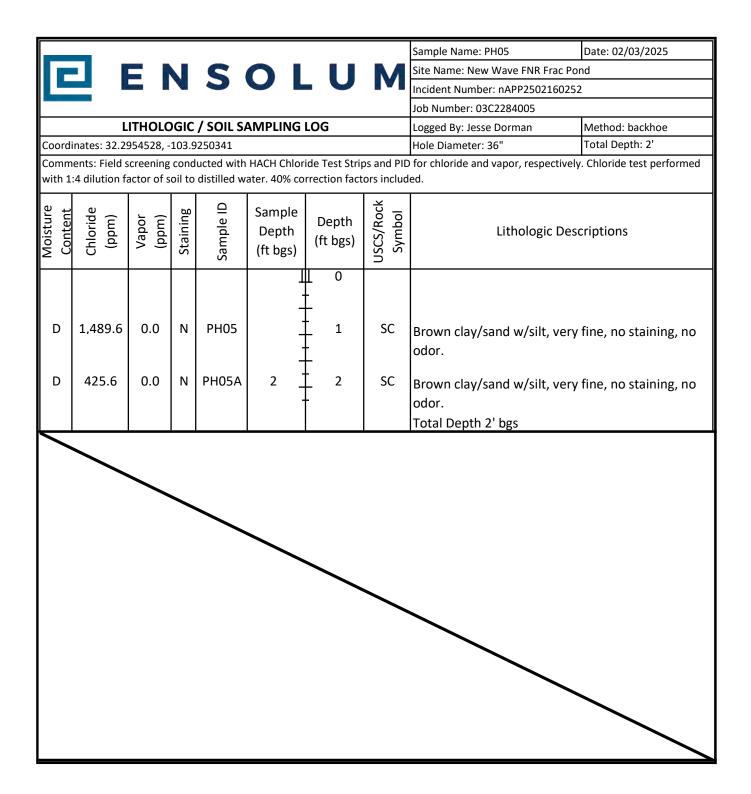
Brown clay/sand w/silt, very fine, no staining,

Sample Name: PH04 Date: 02/03/2025 Site Name: New Wave FNR Frac Pond Incident Number: nAPP2502160252 Job Number: 03C2284005 LITHOLOGIC / SOIL SAMPLING LOG Logged By: Jesse Dorman Method: backhoe Coordinates: 32.2955117, -103.9246899 Hole Diameter: 36" Total Depth: 5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
					1	0		
					_	_		
D	1,601.6	0.0	N			1	SC	Brown clay/sand w/silt, very fine, no staining, no
					_	_		odor.
D	1,480.6	0.0	N		_	2	SC	Brown clay/sand w/silt, very fine, no staining, no odor.
								odor.
D	1,103.2	0.0	N		_	3	SC	Brown clay/sand w/silt, very fine, no staining, no
					_	- -		odor.
D	1,019.2	0.0	N		_	4	SC	Brown clay/sand w/silt, very fine, no staining, no
					_	<u>-</u>		odor.
D	588	0.0	N	PH04	5 _	5	SC	Brown clay/sand w/silt, very fine, no staining, no
						-		odor.
								Total Depth 5' bgs





Sample Name: PH06 Date: 02/03/2025 ENSOLUM Site Name: FNR Mobley Pit Site Name: New Wave FNR Frac Pond Job Number: 03C2284005 LITHOLOGIC / SOIL SAMPLING LOG Method: backhoe Logged By: Jesse Dorman Total Depth: 4' Coordinates: 32.2954339, -103.9253586 Hole Diameter: 36" Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. JSCS/Rock Sample ID Staining Content Chloride Sample Symbol Vapor (ppm) (mdd) Depth Depth Lithologic Descriptions (ft bgs) (ft bgs) 0 D 784.0 0.0 **PH06** 1 SC Brown clay/sand w/silt, very fine, no staining, no odor. 2,413.6 0.0 2 PH06A 2 SC Brown clay/sand w/silt, very fine, no staining, no odor. 163.2 0.0 PH06B 3 SC D Brown clay/sand w/silt, very fine, no staining, no odor. 426.0 0.0 PH06C D SC 4 Brown clay/sand w/silt, very fine, no staining, no Total Depth 4' bgs



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



February 10, 2025

JEREMY REICH
ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD, NM 88220

RE: FNR MOBLEY PIT

Enclosed are the results of analyses for samples received by the laboratory on 02/04/25 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/04/2025 Sampling Date: 02/03/2025

Reported: 02/10/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: XTO 32.296335, -103.924876

Sample ID: PH 01 2 (H250660-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	1.75	87.6	2.00	1.47	
Toluene*	<0.050	0.050	02/05/2025	ND	1.91	95.7	2.00	1.19	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	1.92	96.1	2.00	0.870	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.01	100	6.00	0.336	
Total BTEX	<0.300	0.300	02/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/05/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2025	ND	196	97.8	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/05/2025	ND	192	96.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/05/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/04/2025 Sampling Date: 02/03/2025

Reported: 02/10/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C2284005

Project Location: XTO 32.296335, -103.924876

Sample ID: PH 02 2 (H250660-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	1.75	87.6	2.00	1.47	
Toluene*	<0.050	0.050	02/05/2025	ND	1.91	95.7	2.00	1.19	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	1.92	96.1	2.00	0.870	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.01	100	6.00	0.336	
Total BTEX	<0.300	0.300	02/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/05/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2025	ND	196	97.8	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/05/2025	ND	192	96.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/05/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/04/2025 Sampling Date: 02/03/2025

Reported: 02/10/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

ma/ka

Sample ID: PH 03 2 (H250660-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	1.75	87.6	2.00	1.47	
Toluene*	<0.050	0.050	02/05/2025	ND	1.91	95.7	2.00	1.19	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	1.92	96.1	2.00	0.870	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.01	100	6.00	0.336	
Total BTEX	<0.300	0.300	02/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/05/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2025	ND	196	97.8	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/05/2025	ND	192	96.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/05/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/04/2025 Sampling Date: 02/03/2025

Reported: 02/10/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.296335, -103.924876

mg/kg

Sample ID: PH 03A 3 (H250660-04)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	1.75	87.6	2.00	1.47	
Toluene*	<0.050	0.050	02/05/2025	ND	1.91	95.7	2.00	1.19	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	1.92	96.1	2.00	0.870	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.01	100	6.00	0.336	
Total BTEX	<0.300	0.300	02/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/05/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2025	ND	196	97.8	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/05/2025	ND	192	96.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/05/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/04/2025 Sampling Date: 02/03/2025

Reported: 02/10/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

ma/ka

Sample ID: PH 04 5 (H250660-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	1.75	87.6	2.00	1.47	
Toluene*	<0.050	0.050	02/05/2025	ND	1.91	95.7	2.00	1.19	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	1.92	96.1	2.00	0.870	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	6.01	100	6.00	0.336	
Total BTEX	<0.300	0.300	02/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	02/05/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2025	ND	196	97.8	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/05/2025	ND	192	96.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/05/2025	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/04/2025 Sampling Date: 02/03/2025

Reported: 02/10/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.296335, -103.924876

mg/kg

Sample ID: PH 05 2 (H250660-06)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	2.28	114	2.00	1.09	
Toluene*	<0.050	0.050	02/05/2025	ND	2.23	111	2.00	0.634	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.44	122	2.00	0.882	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	7.42	124	6.00	1.67	
Total BTEX	<0.300	0.300	02/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/05/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2025	ND	196	97.8	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/05/2025	ND	192	96.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/05/2025	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 02/04/2025 Sampling Date: 02/03/2025

Reported: 02/10/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

ma/ka

Sample ID: PH 06 4 (H250660-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2025	ND	2.28	114	2.00	1.09	
Toluene*	<0.050	0.050	02/05/2025	ND	2.23	111	2.00	0.634	
Ethylbenzene*	<0.050	0.050	02/05/2025	ND	2.44	122	2.00	0.882	
Total Xylenes*	<0.150	0.150	02/05/2025	ND	7.42	124	6.00	1.67	
Total BTEX	<0.300	0.300	02/05/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/05/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2025	ND	202	101	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/05/2025	ND	203	102	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/05/2025	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.3	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(ETE) 202-2226 EAX (575) 393-2476	x (575) 393-2476			
Company Name:		BILL TO	ANA	ANALYSIS REQUEST
Project Manager: Jeremy Reich		P.O. #:		
Address: 3122 National Parks Hwy	У	Company: Ensolum LLC		
city: Carlsbad	State:NM Zip: 88220	Attn: Jeremy Reich		
Phone #: 432-296-0627	Fax #:	Address: 3122 Nauonal Fairs nwy	s riwy	
Project #: 03C2284005	Project Owner: XTO	city: Carlsbad		
Project Name: FNR Mobiley Pit		State: NM Zip: 88220		
on: 32.296335,	-103.924876	Phone #:		
Sampler Name: Jesse Dorman		1		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	ZG .	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		BTEX TPH CHLORIDE	
HODER Phod	1	17365	N 5 111	
5 Pho 3 A	~ ~		998	
phoh			575	
7 Phob	- L's	+	433 4 4 4	
37				
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Relinquished By:	Date: 4 S Received By:	ceived By:	Ilt: □Yes ŒNo re emailed. Please prov solum.com TMorrisse)	Add'I Phone #: ide Email address: JReich@ensolum.com /@ensolum.com, kthomason@ensolum.com
Relinquished By:	Date: Received By:	the total	REMARKS:	Incident ID: nAPP2502160252
Delivered By: (Circle One)	Observed Temps C Q 3 Sample Condition Cool Inflact A Yes 7 Yes	CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #113#/4	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes



March 13, 2025

JEREMY REICH

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: FNR MOBLEY PIT

Enclosed are the results of analyses for samples received by the laboratory on 03/10/25 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Sample Received By:

03/07/2025

Tamara Oldaker

Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date:

Reported: 03/13/2025 Sampling Type: Soil
Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact

Project Location: XTO 32.296335, -103.924876

03C2284005

Sample ID: FS 01 2' (H251385-01)

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	180	89.8	200	3.58	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	182	90.9	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	116	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	119	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.296335, -103.924876

mg/kg

Sample ID: FS 02 2' (H251385-02)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	180	89.8	200	3.58	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	182	90.9	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	120	% 44.4-14	7.5						
Surrogate: 1-Chlorooctadecane	123	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Reported: 03/13/2025

Project Name: FNR MOBLEY PIT
Project Number: 03C2284005

mg/kg

Project Location: XTO 32.296335, -103.924876

Sampling Date: 03/07/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 03 2' (H251385-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	180	89.8	200	3.58	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	182	90.9	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	122	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	125	% 40.6-15	3						

Analyzed By: JH

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.296335, -103.924876

mg/kg

Sample ID: FS 04 2' (H251385-04)

BTEX 8021B

	9/	9	7.1.4.7.2						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	180	89.8	200	3.58	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	182	90.9	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	118 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	121	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C2284005 Tamara Oldaker

Project Location: XTO 32.296335, -103.924876

Sample ID: FS 05 2' (H251385-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	180	89.8	200	3.58	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	182	90.9	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110 9	6 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C2284005

Project Location: XTO 32.296335, -103.924876

Sample ID: FS 06 2' (H251385-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	< 0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	< 0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	180	89.8	200	3.58	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	182	90.9	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	113 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116 %	6 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.296335, -103.924876

mg/kg

Sample ID: FS 07 3' (H251385-07)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	110	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

ma/ka

Sample ID: FS 08 3' (H251385-08)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

ma/ka

Sample ID: FS 09 3' (H251385-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	116	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						
			-						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: XTO 32.296335, -103.924876

mg/kg

Sample ID: FS 10 3' (H251385-10)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

ma/ka

Sample ID: FS 11 3' (H251385-11)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/11/2025	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	118	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	120	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C2284005 Tamara Oldaker

Project Location: XTO 32.296335, -103.924876

Sample ID: FS 12 5' (H251385-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	115 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025

Reported: 03/13/2025
Project Name: FNR MOBLEY PIT
Project Number: 03C2284005

Project Location: XTO 32.296335, -103.924876

ma/ka

Sampling Date: 03/07/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 13 2' (H251385-13)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	117 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	119 9	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C2284005 Tamara Oldaker

Project Location: XTO 32.296335, -103.924876

Sample ID: FS 14 2' (H251385-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	114 %	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116 9	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Reported: 03/13/2025

03/13/2025 FNR MOBLEY PIT

ma/ka

Project Name: FNR MOBLEY P Project Number: 03C2284005

Project Location: XTO 32.296335, -103.924876

Sampling Date: 03/07/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FS 15 3' (H251385-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C2284005 Tamara Oldaker

Project Location: XTO 32.296335, -103.924876

Sample ID: FS 16 3' (H251385-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	2.02	101	2.00	2.72	
Toluene*	<0.050	0.050	03/11/2025	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.03	102	2.00	1.69	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	5.94	99.0	6.00	1.83	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	115 %	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	119 9	40.6-15	3						

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C-04



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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 01 0-2' (H251385-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	137	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	114	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: **FNR MOBLEY PIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C2284005 Tamara Oldaker

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 02 0-2' (H251385-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	115 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118 9	6 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 03 0-2' (H251385-19)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	114	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 04 0-3' (H251385-20)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	112	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	115	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 05 0-3' (H251385-21)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	133	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	112	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	112	% 40.6-15	3						

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C-04



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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 06 0-3' (H251385-22)

RTFY 8021R

Ethylbenzene* < 0.050	BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					5-04
Toluene* < 0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 03/11/2025 ND 2.52 126 2.00 3.97 Total Xylenes* <0.150 0.150 03/11/2025 ND 7.83 131 6.00 3.54 Total BTEX <0.300 0.300 03/11/2025 ND 7.83 131 6.00 3.54 **Total BTEX	Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Total Xylenes* <0.150 0.150 03/11/2025 ND 7.83 131 6.00 3.54 Total BTEX <0.300	Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Total BTEX <0.300 0.300 03/11/2025 ND Surrogate: 4-Bromofluorobenzene (PIL) 135 % 71.5-134 Chloride, SM4500CI-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed By: AC Chloride 64.0 16.0 03/11/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS ND 416 104 400 0.00 GRO C6-C10* Result Reporting Limit Analyzed By: MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Surrogate: 4-Bromofluorobenzene (PID 135 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 64.0 16.0 03/11/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0	Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 64.0 16.0 03/11/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	03/11/2025	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 64.0 16.0 03/11/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 03/11/2025 ND 203 101 200 3.18 DRO >C10-C28* <10.0 10.0 03/11/2025 ND 191 95.5 200 1.08 EXT DRO >C28-C36 <10.0 10.0 03/11/2025 ND Surrogate: 1-Chlorooctane 116 % 44.4-145	Surrogate: 4-Bromofluorobenzene (PID	135	% 71.5-13	4						
Chloride 64.0 16.0 03/11/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS MS Recovery True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 03/11/2025 ND 203 101 200 3.18 DRO >C10-C28* <10.0 10.0 03/11/2025 ND 191 95.5 200 1.08 EXT DRO >C28-C36 <10.0 10.0 03/11/2025 ND Surrogate: 1-Chlorooctane 116 % 44.4-145	Chloride	64.0	16.0	03/11/2025	ND	416	104	400	0.00	
GRO C6-C10* <10.0 10.0 03/11/2025 ND 203 101 200 3.18 DRO >C10-C28* <10.0 10.0 03/11/2025 ND 191 95.5 200 1.08 EXT DRO >C28-C36 <10.0 10.0 03/11/2025 ND Surrogate: 1-Chlorooctane 116 % 44.4-145	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28* < 10.0 10.0 03/11/2025 ND 191 95.5 200 1.08 EXT DRO >C28-C36 <10.0 10.0 03/11/2025 ND Surrogate: 1-Chlorooctane 116 % 44.4-145	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 03/11/2025 ND Surrogate: 1-Chlorooctane 116 % 44.4-145	GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
Surrogate: 1-Chlorooctane 116 % 44.4-145	DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
	EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctadecane 118 % 40.6-153	Surrogate: 1-Chlorooctane	116	% 44.4-14	25						
	Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 07 0-3' (H251385-23)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: **FNR MOBLEY PIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 03C2284005

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 08 0-3' (H251385-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	136 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	120 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	123 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact
Project Number: 03C2284005 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 09 0-3' (H251385-25)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: FNR MOBLEY PIT Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C2284005 Tamara Oldaker

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 10 0-2' (H251385-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	< 0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	133 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	191	95.5	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	120 %	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	124 9	40.6-15	3						

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Analytical Results For:

ENSOLUM JEREMY REICH 3122 NATIONAL PARKS HWY CARLSBAD NM, 88220 Fax To:

Received: 03/10/2025 Sampling Date: 03/07/2025

Reported: 03/13/2025 Sampling Type: Soil

Project Name: **FNR MOBLEY PIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: 03C2284005 Tamara Oldaker

Project Location: XTO 32.296335, -103.924876

Sample ID: SW 11 0-3' (H251385-27)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2025	ND	1.94	97.0	2.00	6.90	
Toluene*	<0.050	0.050	03/11/2025	ND	2.17	109	2.00	0.304	
Ethylbenzene*	<0.050	0.050	03/11/2025	ND	2.52	126	2.00	3.97	
Total Xylenes*	<0.150	0.150	03/11/2025	ND	7.83	131	6.00	3.54	
Total BTEX	<0.300	0.300	03/11/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	134 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2025	ND	203	102	200	3.53	
DRO >C10-C28*	<10.0	10.0	03/11/2025	ND	196	97.8	200	0.170	
EXT DRO >C28-C36	<10.0	10.0	03/11/2025	ND					
Surrogate: 1-Chlorooctane	114 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	119 9	6 40.6-15	3						

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Celey D. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

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101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(010) 030-2320	O FAA (3/3) 393-24/6	24/6						- OA 1
Company Name: Ensolum, LLC			BILL TO	9		1		ANALYSIS REQUEST
Project Manager: Jerowy Re	Reich		P.O. #:	777		4		
Address: 3122 National Parks Hwy	У		Company Nave Engl	Mary Social	_			
City: Carlsbad	State: NM	Zip: 88220	Attn: LAC	_				
Phone #: 432 296 0627	1 Fax #:		Address:	Ann	_			
Project #: 03C 2284 005		Project Owner: New Wave Greiny Services	City:					
Project Name: FNR Mobiley	P	II)	State: Zip:					
Project Location: 32, 296335,	718426201-		#					
Joshua	Boxley		Fax #:			_		
FOR LAB USE ONLY		MATRIX	SERV.	SAMPLING				
Lab I.D. Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	Chlorides	TPH	BTEX	
1 Fs01	2		2 X	- 1	4	4	4	
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7 FS00	_			1625)	,	
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Mary	TIMP245	Memake	allette !	Freich @ ensolun.com,	ran ben		+wornisse	twornssey @ exeduncon, Kthamason@ensolum.com
relinquished By:	Date:	Received By:		REMARKS: Incident: WAPP 2502 160252	APP 2		160252	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. *C	CALL Sample Condition	on CHECKED BY: (Initials)	Turnaround Time:	Time:	Sta	andard sh	(only) 9 act Yes
FORM-006 R 3.2 10/07/21	† Cardinal c	accept ve	nges Please email cha	Correction Feet	Kan	100	STOTES	No Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsam.com

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

No Corrected Temp. °C	Correction Factor:		Cardinal cannot populate la No II No	+ Cardinal cannot	2 10/07/21	FORM-006 R 3.2 10/07/21
Hush I	Thermometer ID :#	(Initials)		rected Temp. °C 4.6	Bus - Other: Corp	Sampler - UPS - Bu
Standard	Turnaround Time:	CHECKED BY:	Sample Condition	Observed Temp. "C 43		Delivered By: (Circle One)
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Please provide Email address:	All Results are er		hamasa	10:00		Se Se
☐ Yes ☐ No Add" Phone #-	Verbal Result:	Bai Dates avode are	Received By:	1	1	Relinquished By:
ore .	ent, its subsidiaries,	of use, or loss of profits incurred by d	mitation, business interruptions, loss	ental damages, including without in services hereunder by Cardinal, re	service. In no event shall Cardinal be liable for incidental or consequental diamages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subadiaries afficiency or successors arising out of or related to the performance of services hereunder by Cardinal, recardings of whether such prism is heared to one or conditional to the performance of services hereunder by Cardinal, recardings of whether such prism is heared to one or conditional to the performance of services hereunder by Cardinal, recardings of whether such prism is heared to one or conditional to the performance of services hereunder by Cardinal, recardings of whether such prism is heared to one or conditional to the performance of services hereunder by Cardinal, recardings of whether such prisms of the performance of services hereunder by Cardinal, recardings of which the such prisms of the performance of services hereunder by Cardinal, recardings of which the performance of services hereunder by Cardinal, recardings of which the such prisms of the performance of services hereunder by Cardinal, recardings of which the such prisms of the performance of services hereunder by Cardinal, recardings of the performance	ervice. In no event shall Card iffliates or successors arising.
	nt paid by the client for the	ort, shall be limited to the amount paid selved by Cardinal within 30 days after	rising whether based in contract or to valved unless made in writing and rea	is exclusive remedy for any claim a use whatsoever shall be deemed v	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after community of the annumentation of the annume	nalyses. All claims including
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	7			2	FS13	w.
		>) /	7	FS12	12
	=	×	8		1153	11
TPH BTEX	Chlorides	OTHER: ACID/BASE: ICE / COOL OTHER:	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	(feet) (G)RAB OR (C)OMP	Sample I.D.	Lab I.D. H15[%5
	SAMPLING	PRESERV. SAM	MATRIX	0,		FOR LAB USE ONLY
		Fax #:			Joshua Boxley	Sampler Name:
		Phone #:		91.8426501-		Project Location: 32, 296335
		State: Zip:		Pit	FNR Mobiley P	Project Name:
		City:	Project Owner: New Wave Every Services	Project Owner: No	2284 005	Project #: 03C
	M	Address: LWX0W		Fax #:	296 0627	Phone #: 452
	9	Attn:	Zip: 88220	State: NM Zip		City: Carlsbad
	To be de la constante de la co	Company: New Ware En			Address: 3122 National Parks Hwy	Address: 3122 N
		P.O. #:			: Jeremy Reich	Project Manager:
ANALYSIS REQUEST		BILL TO			Ensolum, LLC	company name: Ensolum, LLC
				, , , , , , , , , , , , , , , , , , , ,	Emple IIO	Company Name

Page 31 of 32

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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	Company Name: Ensolum 110								1001	1
Punious Manager	Elisoluli, LL			BILL TO	,			ANALYSIS REQ	REQUEST	
r roject manager.	deremy Keich	h		P.O. #:	my3				_	\exists
Address: 3122	Address: 3122 National Parks Hwy			Company How Wave Energy	Mary Sources					
City: Carlsbad		State: NM	Zip: 88220	Attn:	P	_			_	
Phone #: 432		Fax #:		ess: V	MAMOSI				_	
Project #: 03C	C 2284 005	1	Project Owner: New Wave Everly Services	_						
Project Name:	FNR Mobiley	Pi	II)							
Project Location		21842620		#		_				
Sampler Name:	Joshua Boxley	dey		Fax #:						
FOR LAB USE ONLY			MATRIX	ESERV.	SAMPLING	_				
Lab I.D.	Sample I.D.	Depth (feet)	RAB OR (C)OMP DNTAINERS DUNDWATER STEWATER L	IER : D/BASE: / COOL ER :		nlorides PH	EX			
1000000	SMOS	2,0	GF W/ SC	OT AC CICE OT	TIME	1	4			
8	SWOS	7	~	7.1.67		1	X			
23	Loms				25.5					
JE ST	SWOS	-			1150	-				
25	boms	5-0			185					
R	SW 10	0-2			130					
37	IIMS	2-0	CI	W 3.725	1330	V	X			
						+				8
analyses. All claims including service. In no event shall Can affiliates or successors arising	analyses. All claims including those for nogligence and any other cause whatsoever shall be deemed service. In no event shall Cardinal be liable for incidental or consequental damages, including without affiliates or successors arising out of or related to the performance of services hereunder by Cardinal.	ter cause whatsoever shall be disequental damages, including sequental damages, including	analyses. All claims including those for negligence and any other cause whetevory or any users areasy whener caused in contract or lort, shall be limited to the amount paid by the client for the service. In no event shall be derorable for incidental or consequental damages, including without limited in white and received by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based onto any of the above stated executions.	arazing whener based in contract or fort, shall be limited to the amount paid by the client for the warked unless made in writing and received by Cardinal within 30 days after completion of the a limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, regardless of whether such claim is based upon any of the above stated assessment.	id by the client for the er completion of the ap- client, its subsidiaries,	plicable				ļ
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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

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JOB DESCRIPTION

FNR Mobley Pit 32.296335,-103.924876

JOB NUMBER

890-7809-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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Client: Ensolum Project/Site: FNR Mobley Pit Laboratory Job ID: 890-7809-1 SDG: 32.296335,-103.924876

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	15
Lab Chronicle	17
Certification Summary	19
Method Summary	20
Sample Summary	21
Chain of Custody	22
Receipt Checklists	23

Definitions/Glossary

Job ID: 890-7809-1 Client: Ensolum Project/Site: FNR Mobley Pit SDG: 32.296335,-103.924876

Qualifiers

GC VOA

Qualifier **Qualifier Description**

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

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" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

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)

Reporting Limit or Requested Limit (Radiochemistry) RL

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

Eurofins Carlsbad

Case Narrative

Client: Ensolum Job ID: 890-7809-1

Project: FNR Mobley Pit

Eurofins Carlsbad Job ID: 890-7809-1

Job Narrative 890-7809-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/13/2025 8:11 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS10 (890-7809-1), FS17 (890-7809-2), FS18 (890-7809-3) and FS19 (890-7809-4).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS10 (890-7809-1), FS17 (890-7809-2), FS18 (890-7809-3), FS19 (890-7809-4), (CCV 880-105279/2), (CCV 880-105279/20), (LCS 880-105302/1-A), (LCSD 880-105302/2-A), (890-7809-A-1-E MS) and (890-7809-A-1-F MSD). Evidence of matrix interference is present; therefore, reextraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-105302 and analytical batch 880-105279 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS10 (890-7809-1), FS17 (890-7809-2), FS18 (890-7809-3), FS19 (890-7809-4) and (890-7809-A-1-C MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-105290 and analytical batch 880-105303 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.

The associated samples are: SS10 (890-7809-1), FS17 (890-7809-2) and FS18 (890-7809-3).

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

Client Sample Results

Client: Ensolum Job ID: 890-7809-1 Project/Site: FNR Mobley Pit SDG: 32.296335,-103.924876

Client Sample ID: SS10 Lab Sample ID: 890-7809-1

Date Collected: 03/11/25 15:35 Matrix: Solid Date Received: 03/13/25 08:11

Sample Depth: 0.5'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 12:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 12:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 12:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/14/25 09:51	03/14/25 12:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 12:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/14/25 09:51	03/14/25 12:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130			03/14/25 09:51	03/14/25 12:10	1
1,4-Difluorobenzene (Surr)	82		70 - 130			03/14/25 09:51	03/14/25 12:10	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/14/25 12:10	1
A It at -	D 14	O1161	GC)	11-14	_	D	A l	D:: F
Analyte	Result	Qualifier	, RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH	Result <49.7		•	Mg/Kg	<u>D</u>	Prepared	Analyzed 03/14/25 11:48	Dil Fac
	<49.7	U	RL 49.7		<u>D</u>	Prepared		Dil Fac
Total TPH	<49.7	U	RL 49.7		<u>D</u> 	Prepared Prepared		1
Total TPH Method: SW846 8015B NM - Dies	<49.7	nics (DRO) Qualifier	RL 49.7	mg/Kg			03/14/25 11:48	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.7 sel Range Orga Result	nics (DRO) Qualifier	RL 49.7 (GC)	mg/Kg		Prepared	03/14/25 11:48 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	<49.7 sel Range Orga Result <49.7	nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7	mg/Kg Unit mg/Kg		Prepared 03/14/25 08:16	03/14/25 11:48 Analyzed 03/14/25 11:48	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.7 sel Range Orga Result <49.7 <49.7	Dics (DRO) Qualifier U U	RL 49.7 (GC) RL 49.7 49.7	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/14/25 08:16 03/14/25 08:16	03/14/25 11:48 Analyzed 03/14/25 11:48 03/14/25 11:48	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.7 sel Range Orga Result <49.7 <49.7 <49.7	U nics (DRO) Qualifier U U Qualifier	RL 49.7 (GC) RL 49.7 49.7	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/14/25 08:16 03/14/25 08:16 03/14/25 08:16	03/14/25 11:48 Analyzed 03/14/25 11:48 03/14/25 11:48 03/14/25 11:48	Dil Face 1 1 1 Dil Face
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 <49.7 %Recovery 162	U nics (DRO) Qualifier U U Qualifier	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/14/25 08:16 03/14/25 08:16 03/14/25 08:16 Prepared	03/14/25 11:48 Analyzed 03/14/25 11:48 03/14/25 11:48 03/14/25 11:48 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 <8ecovery 162 138	Oualifier U Qualifier U Qualifier S1+ S1+	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/14/25 08:16 03/14/25 08:16 03/14/25 08:16 Prepared 03/14/25 08:16	03/14/25 11:48 Analyzed 03/14/25 11:48 03/14/25 11:48 Analyzed 03/14/25 11:48	Dil Fac
Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 %Recovery 162 138 Chromatograp	Oualifier U Qualifier U Qualifier S1+ S1+	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/14/25 08:16 03/14/25 08:16 03/14/25 08:16 Prepared 03/14/25 08:16	03/14/25 11:48 Analyzed 03/14/25 11:48 03/14/25 11:48 Analyzed 03/14/25 11:48	Dil Fac 1 Dil Fac 1 1 Dil Fac 1 Dil Fac 1 Dil Fac

Client Sample ID: FS17 Lab Sample ID: 890-7809-2

Date Collected: 03/12/25 14:09 Date Received: 03/13/25 08:11

Sample Depth: 4'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/14/25 09:51	03/14/25 12:31	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/14/25 09:51	03/14/25 12:31	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/14/25 09:51	03/14/25 12:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/14/25 09:51	03/14/25 12:31	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/14/25 09:51	03/14/25 12:31	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/14/25 09:51	03/14/25 12:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130			03/14/25 09:51	03/14/25 12:31	1

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Matrix: Solid

Matrix: Solid

Client Sample Results

 Client: Ensolum
 Job ID: 890-7809-1

 Project/Site: FNR Mobley Pit
 SDG: 32.296335,-103.924876

Client Sample ID: FS17 Lab Sample ID: 890-7809-2

Date Collected: 03/12/25 14:09
Date Received: 03/13/25 08:11

Sample Depth: 4'

Method: SW846 8021B	- Volatile Organic	Compounds	(GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	78	70 - 130	03/14/25 09:51	03/14/25 12:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404 U	0.00404	ma/Ka			03/14/25 12:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6	mg/Kg			03/14/25 12:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics	<49.6	U	49.6	mg/Kg		03/14/25 08:16	03/14/25 12:36	1	
(GRO)-C6-C10 Diesel Range Organics (Over	<49.6	U	49.6	mg/Kg		03/14/25 08:16	03/14/25 12:36	1	
C10-C28) Oil Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		03/14/25 08:16	03/14/25 12:36	1	
Surrogato	%Pacovary	Qualifier	l imite			Propared	Analyzad	Dil Eac	

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	03/14/25 08	03/14/25 12:36	1
o-Terphenyl	127		70 - 130	03/14/25 08	16 03/14/25 12:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490	49.5	mg/Kg			03/14/25 12:54	5

Client Sample ID: FS18

Lab Sample ID: 890-7809-3

Matrix: Solid

Date Collected: 03/12/25 14:11 Date Received: 03/13/25 08:11

Sample Depth: 4'

ı	Method: SW846 8021B	Valatila Ossasia	O = (OO)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/14/25 09:51	03/14/25 12:51	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/14/25 09:51	03/14/25 12:51	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/14/25 09:51	03/14/25 12:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/14/25 09:51	03/14/25 12:51	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/14/25 09:51	03/14/25 12:51	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/14/25 09:51	03/14/25 12:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130			03/14/25 09:51	03/14/25 12:51	1
1,4-Difluorobenzene (Surr)	79		70 - 130			03/14/25 09:51	03/14/25 12:51	1

Mothod: TAI	SOP Total RTEX	Total RTEY	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00402	U	0.00402	ma/Ka			03/14/25 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/14/25 12:52	1

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Job ID: 890-7809-1

Client: Ensolum Project/Site: FNR Mobley Pit SDG: 32.296335,-103.924876

Client Sample ID: FS18 Lab Sample ID: 890-7809-3

Date Collected: 03/12/25 14:11 Matrix: Solid Date Received: 03/13/25 08:11

Sample Depth: 4'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		03/14/25 08:16	03/14/25 12:52	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		03/14/25 08:16	03/14/25 12:52	1
C10-C28)								
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/14/25 08:16	03/14/25 12:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130			03/14/25 08:16	03/14/25 12:52	1
o-Terphenyl	132	S1+	70 - 130			03/14/25 08:16	03/14/25 12:52	1
- Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
	5	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	INL.	Onit		rreparea	Allulyzou	Dii i ac

Client Sample ID: FS19 Lab Sample ID: 890-7809-4 Date Collected: 03/12/25 14:06 Matrix: Solid

Date Received: 03/13/25 08:11

Sample Depth: 4'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/14/25 09:51	03/14/25 13:12	1
Toluene	< 0.00199	U	0.00199	mg/Kg		03/14/25 09:51	03/14/25 13:12	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		03/14/25 09:51	03/14/25 13:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/14/25 09:51	03/14/25 13:12	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		03/14/25 09:51	03/14/25 13:12	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/14/25 09:51	03/14/25 13:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130			03/14/25 09:51	03/14/25 13:12	1
1,4-Difluorobenzene (Surr)	78		70 - 130			03/14/25 09:51	03/14/25 13:12	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Allalyte	rtoouit	Qualifici		O i iii c				
Total BTEX	<0.00398		0.00398	mg/Kg	— <u> </u>		03/14/25 13:12	1
					=			1
	<0.00398	U	0.00398		=			1
Total BTEX	<0.00398	U	0.00398			Prepared		1 Dil Fac
Total BTEX Method: SW846 8015 NM - Diese	<0.00398	ics (DRO) (Qualifier	0.00398 GC)	mg/Kg			03/14/25 13:12	·
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00398 el Range Organ Result <49.8	ics (DRO) ((Qualifier	0.00398 GC) RL 49.8	mg/Kg			03/14/25 13:12 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	<0.00398 el Range Organ Result <49.8 sel Range Organ	ics (DRO) ((Qualifier	0.00398 GC) RL 49.8	mg/Kg			03/14/25 13:12 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	<0.00398 el Range Organ Result <49.8 sel Range Organ	ics (DRO) ((Qualifier U)	0.00398 GC) RL 49.8	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	03/14/25 13:12 Analyzed 03/14/25 13:08	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00398 el Range Organ Result <49.8 sel Range Organ Result	ics (DRO) (CQualifier Unics (DRO) Qualifier U	0.00398 GC) RL 49.8 (GC) RL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	03/14/25 13:12 Analyzed 03/14/25 13:08 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	<0.00398 el Range Organ Result <49.8 sel Range Orga Result <49.8	ics (DRO) (Control of the control of	0.00398 GC) RL 49.8 (GC) RL 49.8	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 03/14/25 08:16	03/14/25 13:12 Analyzed 03/14/25 13:08 Analyzed 03/14/25 13:08	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00398 el Range Organ Result <49.8 sel Range Orga Result <49.8 <49.8 <49.8 <49.8	ics (DRO) (Control of the control of	0.00398 RL 49.8 (GC) RL 49.8 49.8	unit mg/Kg Unit mg/Kg unit mg/Kg mg/Kg	<u>D</u>	Prepared 03/14/25 08:16 03/14/25 08:16	03/14/25 13:12 Analyzed 03/14/25 13:08 Analyzed 03/14/25 13:08 03/14/25 13:08	Dil Fac Dil Fac 1 1 1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00398 el Range Organ Result <49.8 sel Range Orga Result <49.8 <49.8	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier U	0.00398 RL 49.8 (GC) RL 49.8 49.8 49.8	unit mg/Kg Unit mg/Kg unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 03/14/25 08:16 03/14/25 08:16	03/14/25 13:12 Analyzed 03/14/25 13:08 Analyzed 03/14/25 13:08 03/14/25 13:08	Dil Fac Dil Fac 1

Client Sample Results

 Client: Ensolum
 Job ID: 890-7809-1

 Project/Site: FNR Mobley Pit
 SDG: 32.296335,-103.924876

Client Sample ID: FS19 Lab Sample ID: 890-7809-4

Date Collected: 03/12/25 14:06 Matrix: Solid

Date Received: 03/13/25 08:11 Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1390		49.8	mg/Kg			03/14/25 13:09	5

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Surrogate Summary

Job ID: 890-7809-1 Client: Ensolum Project/Site: FNR Mobley Pit SDG: 32.296335,-103.924876

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Rec
		BFB1	DFBZ1	-
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7809-1	SS10	174 S1+	82	
890-7809-1 MS	SS10	158 S1+	82	
890-7809-1 MSD	SS10	163 S1+	81	
890-7809-2	FS17	163 S1+	78	
890-7809-3	FS18	161 S1+	79	
890-7809-4	FS19	165 S1+	78	
LCS 880-105302/1-A	Lab Control Sample	157 S1+	86	
LCSD 880-105302/2-A	Lab Control Sample Dup	157 S1+	87	
MB 880-105302/5-A	Method Blank	146 S1+	76	
Surrogate Legend				
BFB = 4-Bromofluoroben	zene (Surr)			
DFBZ = 1,4-Difluorobenz	ene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Prep Type: Total/NA **Matrix: Solid**

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7809-1	SS10	162 S1+	138 S1+	
890-7809-1 MS	SS10	125	120	
890-7809-1 MSD	SS10	140 S1+	131 S1+	
890-7809-2	FS17	136 S1+	127	
890-7809-3	FS18	143 S1+	132 S1+	
890-7809-4	FS19	148 S1+	137 S1+	
LCS 880-105277/2-A	Lab Control Sample	121	119	
LCSD 880-105277/3-A	Lab Control Sample Dup	123	123	
MB 880-105277/1-A	Method Blank	102	92	

1CO = 1-Chlorooctane OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum Job ID: 890-7809-1 SDG: 32.296335,-103.924876 Project/Site: FNR Mobley Pit

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-105302/5-A

Matrix: Solid

Analysis Batch: 105279

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 105302

MB MB

1	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
E	Benzene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 11:49	1
7	Toluene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 11:49	1
E	Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 11:49	1
r	m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/14/25 09:51	03/14/25 11:49	1
c	o-Xylene	<0.00200	U	0.00200	mg/Kg		03/14/25 09:51	03/14/25 11:49	1
>	Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/14/25 09:51	03/14/25 11:49	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	03/14/25 09:	03/14/25 11:49	1
1,4-Difluorobenzene (Surr)	76		70 - 130	03/14/25 09:	51 03/14/25 11:49	1

Lab Sample ID: LCS 880-105302/1-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 105279

Prep Type: Total/NA

Prep Batch: 105302

	Бріке	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1107		mg/Kg		111	70 - 130	
Toluene	0.100	0.1085		mg/Kg		109	70 - 130	
Ethylbenzene	0.100	0.1076		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene	0.200	0.2335		mg/Kg		117	70 - 130	
o-Xylene	0.100	0.1152		mg/Kg		115	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-105302/2-A

Matrix: Solid

Analysis Batch: 105279

Client Sam	ple ID: Lab	Control	Sample	Dup
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Prep Type: Total/NA **Prep Batch: 105302**

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1055		mg/Kg		105	70 - 130	5	35
Toluene	0.100	0.1096		mg/Kg		110	70 - 130	1	35
Ethylbenzene	0.100	0.1086		mg/Kg		109	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2352		mg/Kg		118	70 - 130	1	35
o-Xylene	0.100	0.1165		mg/Kg		116	70 - 130	1	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130
1 4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 890-7809-1 MS

Matrix: Solid

Analysis Batch: 105279

Client Sample ID: SS10 Prep Type: Total/NA

Prep Batch: 105302

_	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.09704		mg/Kg		97	70 - 130	
Toluene	<0.00200	U	0.100	0.1005		mg/Kg		100	70 - 130	

QC Sample Results

 Client: Ensolum
 Job ID: 890-7809-1

 Project/Site: FNR Mobley Pit
 SDG: 32.296335,-103.924876

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

Lab Sample ID: 890-7809-1 MS Matrix: Solid

Analysis Batch: 105279

Client Sample ID: SS10
Prep Type: Total/NA

Prep Batch: 105302

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00200 U 0.100 0.09836 98 70 - 130 mg/Kg m-Xylene & p-Xylene <0.00399 0.200 0.2131 mg/Kg 107 70 - 130 0.100 o-Xylene <0.00200 U 0.1056 70 - 130 mg/Kg 106

MS MS

Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130		
1,4-Difluorobenzene (Surr)	82		70 - 130		

Lab Sample ID: 890-7809-1 MSD

Matrix: Solid

Analysis Batch: 105279

Prep Type: Total/NA

Prep Batch: 105302

Sample Sample Spike MSD MSD %Rec RPD %Rec Result Qualifier Added Result Qualifier RPD Limit Analyte Unit Limits 0.100 Benzene <0.00200 U 0.1034 mg/Kg 103 70 - 130 6 35 Toluene <0.00200 U 0.100 0.1025 mg/Kg 103 70 - 130 2 35 Ethylbenzene <0.00200 U 0.100 0.1018 mg/Kg 102 70 - 130 3 35 0.200 35 m-Xylene & p-Xylene <0.00399 U 0.2220 mg/Kg 111 70 - 130 0.100 <0.00200 U 0.1101 70 - 130 o-Xylene mg/Kg 110

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-105277/1-A

Matrix: Solid

Analysis Batch: 105297

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 105277

MB MB Result Qualifier RL Unit D Prepared Analyzed Dil Fac Analyte Gasoline Range Organics 50.0 03/14/25 08:14 03/14/25 09:41 <50.0 U mg/Kg (GRO)-C6-C10 03/14/25 08:14 03/14/25 09:41 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 03/14/25 08:14 03/14/25 09:41 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	0	3/14/25 08:14	03/14/25 09:41	1
o-Terphenyl	92		70 - 130	0	3/14/25 08:14	03/14/25 09:41	1

Lab Sample ID: LCS 880-105277/2-A

Matrix: Solid

Analysis Batch: 105297

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 105277

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1084		mg/Kg		108	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1105		mg/Kg		110	70 - 130	
C10-C28)								

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12

Job ID: 890-7809-1

Client: Ensolum Project/Site: FNR Mobley Pit

Lab Sample ID: LCS 880-105277/2-A

Matrix: Solid

Analysis Batch: 105297

Client Sample ID: Lab Control Sample

SDG: 32.296335,-103.924876

Prep Type: Total/NA

Prep Batch: 105277

LCS LCS

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 121 70 - 130 o-Terphenyl 119 70 - 130

Lab Sample ID: LCSD 880-105277/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 105297

Prep Type: Total/NA Prep Batch: 105277

%Rec RPD

Spike LCSD LCSD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1044 70 - 130 Gasoline Range Organics 1000 104 20 mg/Kg 4 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1089 mg/Kg 109 20 70 - 130

C10-C28)

LCSD LCSD

Surrogate	%Recovery Qualific	er Limits
1-Chlorooctane	123	70 - 130
o-Terphenyl	123	70 - 130

Lab Sample ID: 890-7809-1 MS **Client Sample ID: SS10 Matrix: Solid**

70 - 130

Analysis Batch: 105297

Prep Type: Total/NA

Prep Batch: 105277

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	997	814.9		mg/Kg		82	70 - 130
Diesel Range Organics (Over	<49.7	U	997	759.5		mg/Kg		76	70 - 130

C10-C28)

MS MS %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 125 o-Terphenyl

Lab Sample ID: 890-7809-1 MSD **Client Sample ID: SS10**

Matrix: Solid

Analysis Batch: 105297

Prep Type: Total/NA Prep Batch: 105277

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	<49.7	U	997	867.1		mg/Kg		87	70 - 130	6	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	<49.7	U	997	789.7		mg/Kg		79	70 - 130	4	20	
C10-C28\												

C10-C28)

MSD MSD

120

Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	140	S1+	70 - 130		
o-Terphenyl	131	S1+	70 - 130		

Client Sample ID: Method Blank

Prep Type: Soluble

Client Sample ID: FS19

Prep Type: Soluble

QC Sample Results

 Client: Ensolum
 Job ID: 890-7809-1

 Project/Site: FNR Mobley Pit
 SDG: 32.296335,-103.924876

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-105290/1-A

Matrix: Solid

Analysis Batch: 105303

Alialysis Datcii. 103303								
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			03/14/25 11:04	1

Lab Sample ID: LCS 880-105290/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 105303

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 236.0 mg/Kg 94 90 - 110

Lab Sample ID: LCSD 880-105290/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 105303

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 237.6 mg/Kg 90 - 110

Lab Sample ID: 890-7809-4 MS

Matrix: Solid

Client Sample ID: FS19

Prep Type: Soluble

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Analysis Batch: 105303

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 1250 Chloride 1390 2671 103 90 - 110 mg/Kg

Lab Sample ID: 890-7809-4 MSD

Matrix: Solid

Analysis Batch: 105303

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 1250 1390 2629 mg/Kg 100 90 - 110 20

QC Association Summary

 Client: Ensolum
 Job ID: 890-7809-1

 Project/Site: FNR Mobley Pit
 SDG: 32.296335,-103.924876

GC VOA

Analysis Batch: 105279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Total/NA	Solid	8021B	105302
890-7809-2	FS17	Total/NA	Solid	8021B	105302
890-7809-3	FS18	Total/NA	Solid	8021B	105302
890-7809-4	FS19	Total/NA	Solid	8021B	105302
MB 880-105302/5-A	Method Blank	Total/NA	Solid	8021B	105302
LCS 880-105302/1-A	Lab Control Sample	Total/NA	Solid	8021B	105302
LCSD 880-105302/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	105302
890-7809-1 MS	SS10	Total/NA	Solid	8021B	105302
890-7809-1 MSD	SS10	Total/NA	Solid	8021B	105302

Prep Batch: 105302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Total/NA	Solid	5035	
890-7809-2	FS17	Total/NA	Solid	5035	
890-7809-3	FS18	Total/NA	Solid	5035	
890-7809-4	FS19	Total/NA	Solid	5035	
MB 880-105302/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-105302/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-105302/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7809-1 MS	SS10	Total/NA	Solid	5035	
890-7809-1 MSD	SS10	Total/NA	Solid	5035	

Analysis Batch: 105405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Total/NA	Solid	Total BTEX	
890-7809-2	FS17	Total/NA	Solid	Total BTEX	
890-7809-3	FS18	Total/NA	Solid	Total BTEX	
890-7809-4	FS19	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 105277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Total/NA	Solid	8015NM Prep	
890-7809-2	FS17	Total/NA	Solid	8015NM Prep	
890-7809-3	FS18	Total/NA	Solid	8015NM Prep	
890-7809-4	FS19	Total/NA	Solid	8015NM Prep	
MB 880-105277/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-105277/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-105277/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7809-1 MS	SS10	Total/NA	Solid	8015NM Prep	
890-7809-1 MSD	SS10	Total/NA	Solid	8015NM Prep	

Analysis Batch: 105297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Total/NA	Solid	8015B NM	105277
890-7809-2	FS17	Total/NA	Solid	8015B NM	105277
890-7809-3	FS18	Total/NA	Solid	8015B NM	105277
890-7809-4	FS19	Total/NA	Solid	8015B NM	105277
MB 880-105277/1-A	Method Blank	Total/NA	Solid	8015B NM	105277
LCS 880-105277/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	105277

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QC Association Summary

 Client: Ensolum
 Job ID: 890-7809-1

 Project/Site: FNR Mobley Pit
 SDG: 32.296335,-103.924876

GC Semi VOA (Continued)

Analysis Batch: 105297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-105277/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	105277
890-7809-1 MS	SS10	Total/NA	Solid	8015B NM	105277
890-7809-1 MSD	SS10	Total/NA	Solid	8015B NM	105277

Analysis Batch: 105333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Total/NA	Solid	8015 NM	
890-7809-2	FS17	Total/NA	Solid	8015 NM	
890-7809-3	FS18	Total/NA	Solid	8015 NM	
890-7809-4	FS19	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 105290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Soluble	Solid	DI Leach	
890-7809-2	FS17	Soluble	Solid	DI Leach	
890-7809-3	FS18	Soluble	Solid	DI Leach	
890-7809-4	FS19	Soluble	Solid	DI Leach	
MB 880-105290/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-105290/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-105290/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7809-4 MS	FS19	Soluble	Solid	DI Leach	
890-7809-4 MSD	FS19	Soluble	Solid	DI Leach	

Analysis Batch: 105303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7809-1	SS10	Soluble	Solid	300.0	105290
890-7809-2	FS17	Soluble	Solid	300.0	105290
890-7809-3	FS18	Soluble	Solid	300.0	105290
890-7809-4	FS19	Soluble	Solid	300.0	105290
MB 880-105290/1-A	Method Blank	Soluble	Solid	300.0	105290
LCS 880-105290/2-A	Lab Control Sample	Soluble	Solid	300.0	105290
LCSD 880-105290/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	105290
890-7809-4 MS	FS19	Soluble	Solid	300.0	105290
890-7809-4 MSD	FS19	Soluble	Solid	300.0	105290

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Client: Ensolum

Job ID: 890-7809-1 Project/Site: FNR Mobley Pit SDG: 32.296335,-103.924876

Client Sample ID: SS10 Lab Sample ID: 890-7809-1

Date Collected: 03/11/25 15:35 **Matrix: Solid** Date Received: 03/13/25 08:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	105302	03/14/25 09:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	105279	03/14/25 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105405	03/14/25 12:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105333	03/14/25 11:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	105277	03/14/25 08:16	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105297	03/14/25 11:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	105290	03/14/25 09:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105303	03/14/25 12:47	SMC	EET MID

Client Sample ID: FS17 Lab Sample ID: 890-7809-2

Date Collected: 03/12/25 14:09 Matrix: Solid Date Received: 03/13/25 08:11

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 4.95 g 5 mL 105302 03/14/25 09:51 AA EET MID Total/NA 8021B 5 mL 105279 03/14/25 12:31 **EET MID** Analysis 1 5 mL MNR Total/NA Total BTEX 105405 03/14/25 12:31 Analysis A.I **EET MID** 1 Total/NA Analysis 8015 NM 105333 03/14/25 12:36 ΑJ **EET MID** Total/NA 105277 03/14/25 08:16 FC Prep 8015NM Prep 10.08 g 10 mL EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 105297 03/14/25 12:36 TKC **EET MID**

Lab Sample ID: 890-7809-3 **Client Sample ID: FS18**

5

5.05 g

50 mL

50 mL

50 mL

105290

105303

Date Collected: 03/12/25 14:11 Date Received: 03/13/25 08:11

Leach

Analysis

DI Leach

300.0

Soluble

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	105302	03/14/25 09:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	105279	03/14/25 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105405	03/14/25 12:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105333	03/14/25 12:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	105277	03/14/25 08:16	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105297	03/14/25 12:52	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	105290	03/14/25 09:15	SMC	EET MIC
Soluble	Analysis	300.0		5	50 mL	50 mL	105303	03/14/25 13:02	SMC	EET MID

Lab Sample ID: 890-7809-4 **Client Sample ID: FS19**

Date Collected: 03/12/25 14:06 Date Received: 03/13/25 08:11

Г	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	105302	03/14/25 09:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	105279	03/14/25 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105405	03/14/25 13:12	AJ	EET MID

Matrix: Solid

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03/14/25 09:15

03/14/25 12:54

SMC

SMC

EET MID

EET MID

Matrix: Solid

Date Received: 03/13/25 08:11

Lab Chronicle

Client: Ensolum Job ID: 890-7809-1 Project/Site: FNR Mobley Pit SDG: 32.296335,-103.924876

Client Sample ID: FS19 Lab Sample ID: 890-7809-4 Date Collected: 03/12/25 14:06

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			105333	03/14/25 13:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	105277	03/14/25 08:16	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105297	03/14/25 13:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	105290	03/14/25 09:15	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	105303	03/14/25 13:09	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-7809-1 Project/Site: FNR Mobley Pit SDG: 32.296335,-103.924876

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
,	are included in this report, but bes not offer certification.	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Ensolum

Method

Total BTEX 8015 NM

8015B NM

8015NM Prep

DI Leach

300.0

5035

8021B

Project/Site: FNR Mobley Pit

Job ID: 890-7809-1

SDG: 32.296335,-103.924876

Protocol	Laboratory
SW846	EET MID
TAL SOP	EET MID
SW846	EET MID
SW846	EET MID
EPA	EET MID
SW846	EET MID

EET MID

EET MID

SW846

ASTM

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Microextraction

Method Description

Total BTEX Calculation

Volatile Organic Compounds (GC)

Diesel Range Organics (DRO) (GC)

Diesel Range Organics (DRO) (GC)

Deionized Water Leaching Procedure

Anions, Ion Chromatography

Closed System Purge and Trap

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum

Project/Site: FNR Mobley Pit

Job ID: 890-7809-1

SDG: 32.296335,-103.924876

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7809-1	SS10	Solid	03/11/25 15:35	03/13/25 08:11	0.5'
890-7809-2	FS17	Solid	03/12/25 14:09	03/13/25 08:11	4'
890-7809-3	FS18	Solid	03/12/25 14:11	03/13/25 08:11	4'
890-7809-4	FS19	Solid	03/12/25 14:06	03/13/25 08:11	4'

4

0

10

12

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Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3

Environment Testing

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Xenco

OCD.	0/23	120.	43	J . Z	7.1	0 1
			[punj		Level IV	
=					☐ TRRP ☐	Other:
er No:			of Custody		□ PST/UST	ADaPT \square
Work Order No:			100 7000 Chain of Custody	ano eno/-na	Reporting: Level II	
			Program	State of I	Reporting: Lev	Deliverables: EDD [
9-333 4 1296	3199					

Project Manager: Je	Jeremy Reich				Bill to: (if diff	different)													
Company Name: El	Ensolum, LLC				Company Name:	/ Name:							Program	_ (7809	Chain of	Chain of Custody	40 -	[Jund
Address: 3'	3122 National Parks Hwy	rks Hv	w		Address:								State of I	,	2001-0				
City, State ZIP:	Carlsbad, NM 88220	220			City, State ZIP:	e ZIP:							Repor	ting: Leve		evel III	Reporting: Level II	TRRP	
Phone: 43	432-296-0627			Email:	Email: jreich@en	unlosue	solum.com						Delive	Deliverables: EDD	ا او	_	ADaPT	Other:	
Project Name:	FNR Mobley Pit	bley P	it.	Turn	Turn Around						ANAL	YSIS R	ANALYSIS REQUEST				ш	reservat	Preservative Codes
Project Number:	03C2284005	84005		☐ Routine	☑ Rush		Pres. Code										None: NO	ON	DI Water: H ₂ O
Project Location:	32.296335, -103.924876	103.92		Due Date:	72-hrs	ıs			_			_					Cool: Cool	Cool	MeOH: Me
Sampler's Name:	Alex Ferrel	errell		TAT starts the day received by	e day recei	ved by											HCL: HC	오	HNO3: HN
PO #:				the lab, if received by 4:30pm	ceived by 4	:30pm	S1	_			 	_					H ₂ S0 ₄ : H ₂	: H ₂	NaOH: Na
SAMPLE RECEIPT	T Temp Blank:	nk:	oN 😂	Wet Ice:	ON Section	_S	əjər										H ₃ PO ₄ : HP	4: HP	
Samples Received Intact:	ict: /Yes, No		Thermometer ID:	r ID:	1 mass	2007	ıran										NaHS	NaHSO4: NABIS	
Cooler Custody Seals:	Yes No	(MA)	Correction Factor:	actor:	10.V	2	s d										Na ₂ S ₂	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	: Yes No		Temperature Reading:	Reading:	6.	7											Zn Ac	Zn Acetate+NaOH: Zn	H: Zn
Total Containers:			Corrected Temperature:	emperature:	5 C			sə									NaOH	1+Ascorbic	NaOH+Ascorbic Acid: SAPC
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/ # of Comp Cont	# of Cont	Chlorid	HqT	хэта							.	Sample C	Sample Comments
SS10		Soil	3/11/2025	1535	0.5'	Grab	-	×	×	×									
FS17	Š	Soil	3/12/2025	1409	.4	Comp	-	×	×	×									
FS18		Soil	3/12/2025	1411	-4	Comp	-	×	×	×									
FS19	Ŏ	Soil	3/12/2025	1406	.4	Comp	-	×	×	×									
								\dashv	\dashv			\dashv			-				
								-	_	-									

Total 200.7 / 6010 200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B	1 Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn	Ni K Se Ag SiO ₂ Na Sr TI Sn U V	/ Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010 8RC	CRA Sb As Ba Be C	6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U	U Hg: 1631 / 245.1 / 7470 / 7471	471
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	ples constitutes a valid purchase order from	client company to Eurofins Xen	nco, its affiliates and subcontractors. It assigns standa	rd terms and conditions	
of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control	imples and shall not assume any responsibilit	ty for any losses or expenses ir	ncurred by the client if such losses are due to circumst	ances beyond the control	
of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	d to each project and a charge of \$5 for each	sample submitted to Eurofins X	(enco, but not analyzed. These terms will be enforced u	nless previously negotiated.	
		į			į

3	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
/18	- Combra	arlan	8.11 3/12	5		
/20	3		1	+		
25	9		9	9		
-				44.	~	Revised Date: 08/25/2020 Rev. 2020.2

3/18/2025

Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-7809-1

SDG Number: 32.296335,-103.924876

Login Number: 7809 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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 ampered 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	
s 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 <6 mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-7809-1

SDG Number: 32.296335,-103.924876

List Source: Eurofins Midland
List Number: 2
List Source: Eurofins Midland
List Creation: 03/14/25 08:30 AM

Creator: Laing, Edmundo

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.	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	N/A	

OJ 320

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<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

Generated 3/27/2025 6:53:58 PM

JOB DESCRIPTION

FNR Mobley pit 03C2284005

JOB NUMBER

890-7860-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 3/27/2025 6:53:58 PM

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

Client: Ensolum
Project/Site: FNR Mobley pit
Laboratory Job ID: 890-7860-1
SDG: 03C2284005

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	15
Lab Chronicle	17
Certification Summary	19
Method Summary	20
Sample Summary	21
Chain of Custody	22
Receipt Checklists	23

13	
13	

Definitions/Glossary

Client: Ensolum Job ID: 890-7860-1
Project/Site: FNR Mobley pit SDG: 03C2284005

,5

Qualifiers

GC VOA

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

S1+ Surrogate recovery exceeds control limits, high biased.
U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

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

Eurofins Carlsbad

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Case Narrative

Client: Ensolum Job ID: 890-7860-1

Project: FNR Mobley pit

Job ID: 890-7860-1 Eurofins Carlsbad

Job Narrative 890-7860-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/26/2025 4:20 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 3.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: FS17A (890-7860-1), FS18A (890-7860-2), FS19A (890-7860-3), FS30 (890-7860-4) and FS31 (890-7860-5).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-106065 and analytical batch 880-106122 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-106065/2-A), (LCSD 880-106065/3-A) and (890-7844-A-56-B MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-7844-A-56-C MSD). Evidence of matrix interferences is not obvious.

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.

Matrix: Solid

Lab Sample ID: 890-7860-1

Client: Ensolum Job ID: 890-7860-1 Project/Site: FNR Mobley pit SDG: 03C2284005

Client Sample ID: FS17A

Date Collected: 03/26/25 14:57 Date Received: 03/26/25 16:20

Sample Depth: 8

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/26/25 22:16	03/27/25 04:28	1
Toluene	< 0.00199	U	0.00199	mg/Kg		03/26/25 22:16	03/27/25 04:28	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		03/26/25 22:16	03/27/25 04:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/26/25 22:16	03/27/25 04:28	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		03/26/25 22:16	03/27/25 04:28	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/26/25 22:16	03/27/25 04:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			03/26/25 22:16	03/27/25 04:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130			03/26/25 22:16	03/27/25 04:28	1
- Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/27/25 04:28	1
Analyte Total TDU		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/27/25 02:26	1
Method: SW846 8015B NM - Die:	sel Range Orga	nics (DRO)	(GC)					
Analyte		(- /						
· ······ · · · · · · · · · · · · · · ·	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics			RL 49.8	Mnit mg/Kg	<u>D</u>	Prepared 03/26/25 07:04	Analyzed 03/27/25 02:26	
Gasoline Range Organics (GRO)-C6-C10		U			<u>D</u>	<u>·</u>		1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg	<u>D</u>	03/26/25 07:04	03/27/25 02:26	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg	<u>D</u>	03/26/25 07:04	03/27/25 02:26	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.8 <49.8	U U	49.8	mg/Kg	<u>D</u>	03/26/25 07:04	03/27/25 02:26	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.8 <49.8 <49.8	U U	49.8 49.8 49.8	mg/Kg	<u>D</u>	03/26/25 07:04 03/26/25 07:04 03/26/25 07:04	03/27/25 02:26 03/27/25 02:26 03/27/25 02:26	1 1 1 <i>Dil Fac</i>
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.8 <49.8 <49.8 %Recovery	U U	49.8 49.8 49.8 Limits	mg/Kg	<u> </u>	03/26/25 07:04 03/26/25 07:04 03/26/25 07:04 Prepared	03/27/25 02:26 03/27/25 02:26 03/27/25 02:26 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.8 <49.8 <49.8 <49.8 %Recovery 118 117	U U U Qualifier	49.8 49.8 49.8 Limits 70 - 130 70 - 130	mg/Kg	<u>D</u>	03/26/25 07:04 03/26/25 07:04 03/26/25 07:04 Prepared 03/26/25 07:04	03/27/25 02:26 03/27/25 02:26 03/27/25 02:26 Analyzed 03/27/25 02:26	Dil Face 1 Dil Face 1 Dil Face
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.8 <49.8 <49.8 **Recovery 118 117 Chromatograp	U U U Qualifier	49.8 49.8 49.8 Limits 70 - 130 70 - 130	mg/Kg	<u>D</u>	03/26/25 07:04 03/26/25 07:04 03/26/25 07:04 Prepared 03/26/25 07:04	03/27/25 02:26 03/27/25 02:26 03/27/25 02:26 Analyzed 03/27/25 02:26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Client Sample ID: FS18A

Date Collected: 03/26/25 13:55 Date Received: 03/26/25 16:20

Sample Depth: 10

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 04:49	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 04:49	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 04:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/26/25 22:16	03/27/25 04:49	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 04:49	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/26/25 22:16	03/27/25 04:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			03/26/25 22:16	03/27/25 04:49	

Eurofins Carlsbad

Lab Sample ID: 890-7860-2

Matrix: Solid

Job ID: 890-7860-1

Client: Ensolum Project/Site: FNR Mobley pit SDG: 03C2284005

Client Sample ID: FS18A Lab Sample ID: 890-7860-2 Date Collected: 03/26/25 13:55 Matrix: Solid

Date Received: 03/26/25 16:20

Sample Depth: 10

Method: SW846 8021B - V	olatile Organic Compounds ((GC) (Continued)
-------------------------	-----------------------------	------------------

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94	70 - 130	03/26/25 22:16	03/27/25 04:49	1

Method: TAL So	OP Total BTFX	- Total BTEX	Calculation
INICIIIOG. IAL O	JI IOLAI DILA	- IUlai DILA	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/27/25 04:49	1

Analyte	Result Qual	lifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			03/27/25 02:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

	or runge orga							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/26/25 07:04	03/27/25 02:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/26/25 07:04	03/27/25 02:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/26/25 07:04	03/27/25 02:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129	70 - 130	03/26/25 07:04	03/27/25 02:43	1
o-Terphenyl	126	70 - 130	03/26/25 07:04	03/27/25 02:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	574		9.94	mg/Kg			03/27/25 17:14	1

Client Sample ID: FS19A Lab Sample ID: 890-7860-3

Date Collected: 03/26/25 13:58 Date Received: 03/26/25 16:20

Sample Depth: 8

Method: SW846 8021B -	M-1-4!1- O	0 (00)

Welliou. Syvo46 6021B - Volat	ne Organic Comp	ounus (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/26/25 22:16	03/27/25 05:09	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/26/25 22:16	03/27/25 05:09	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/26/25 22:16	03/27/25 05:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		03/26/25 22:16	03/27/25 05:09	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/26/25 22:16	03/27/25 05:09	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		03/26/25 22:16	03/27/25 05:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			03/26/25 22:16	03/27/25 05:09	1

4-Bromofluorobenzene (Surr)	121	70 - 130	03/26/25 22:16	03/27/25 05:09	1
1,4-Difluorobenzene (Surr)	100	70 - 130	03/26/25 22:16	03/27/25 05:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			03/27/25 05:09	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/27/25 02:59	1

Eurofins Carlsbad

Matrix: Solid

Job ID: 890-7860-1

Matrix: Solid

Lab Sample ID: 890-7860-3

03/27/25 17:21

Matrix: Solid

Client: Ensolum Project/Site: FNR Mobley pit SDG: 03C2284005

Client Sample ID: FS19A

Date Collected: 03/26/25 13:58 Date Received: 03/26/25 16:20

Sample Depth: 8

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		03/26/25 07:04	03/27/25 02:59	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		03/26/25 07:04	03/27/25 02:59	1
C10-C28)								
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/26/25 07:04	03/27/25 02:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			03/26/25 07:04	03/27/25 02:59	1
o-Terphenyl	102		70 - 130			03/26/25 07:04	03/27/25 02:59	1
- Method: EPA 300.0 - Anions, Ion	Chromatogran	hv - Solubl	e					
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

9.98

mg/Kg

Client Sample ID: FS30 Lab Sample ID: 890-7860-4 Date Collected: 03/26/25 13:54

775

Date Received: 03/26/25 16:20

Sample Depth: 10

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/26/25 22:16	03/27/25 05:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/26/25 22:16	03/27/25 05:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/26/25 22:16	03/27/25 05:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/26/25 22:16	03/27/25 05:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/26/25 22:16	03/27/25 05:30	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/26/25 22:16	03/27/25 05:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			03/26/25 22:16	03/27/25 05:30	1
1,4-Difluorobenzene (Surr)	97		70 - 130			03/26/25 22:16	03/27/25 05:30	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/27/25 05:30	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)					
		\ - / \						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH	Result < 50.0		•	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/27/25 03:15	Dil Fac
Total TPH	<50.0	U	RL 50.0		<u>D</u>	Prepared		
Total TPH Method: SW846 8015B NM - Dies	<50.0	U	RL 50.0		<u>D</u>	Prepared Prepared		
Total TPH Method: SW846 8015B NM - Dies Analyte	<50.0	unics (DRO) Qualifier	RL 50.0	mg/Kg			03/27/25 03:15	1
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	<50.0 sel Range Orga Result	unics (DRO) Qualifier	RL 50.0 (GC)	mg/Kg		Prepared	03/27/25 03:15 Analyzed	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 sel Range Orga Result	Unics (DRO) Qualifier	RL 50.0 (GC)	mg/Kg		Prepared	03/27/25 03:15 Analyzed	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 sel Range Orga Result <50.0 <50.0	Unics (DRO) Qualifier U	RL 50.0 (GC) RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/26/25 07:04 03/26/25 07:04	03/27/25 03:15 Analyzed 03/27/25 03:15 03/27/25 03:15	1 Dil Fac 1
	<50.0 sel Range Orga Result <50.0	Unics (DRO) Qualifier U	(GC) RL 50.0	mg/Kg Unit mg/Kg		Prepared 03/26/25 07:04	03/27/25 03:15 Analyzed 03/27/25 03:15	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 sel Range Orga Result <50.0 <50.0	U Qualifier U	RL 50.0 (GC) RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/26/25 07:04 03/26/25 07:04	03/27/25 03:15 Analyzed 03/27/25 03:15 03/27/25 03:15	1 Dil Fac 1
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<50.0 sel Range Orga Result <50.0 <50.0 <50.0	U Qualifier U	RL 50.0 (GC) RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/26/25 07:04 03/26/25 07:04 03/26/25 07:04	03/27/25 03:15 Analyzed 03/27/25 03:15 03/27/25 03:15 03/27/25 03:15	1 Dil Fac 1

Matrix: Solid

Job ID: 890-7860-1

Client: Ensolum Project/Site: FNR Mobley pit SDG: 03C2284005

Client Sample ID: FS30 Lab Sample ID: 890-7860-4 Date Collected: 03/26/25 13:54

Matrix: Solid

Date Received: 03/26/25 16:20 Sample Depth: 10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	548		10.0	mg/Kg			03/27/25 17:28	1

Client Sample ID: FS31 Lab Sample ID: 890-7860-5

Date Collected: 03/26/25 13:57 Date Received: 03/26/25 16:20

Sample Depth: 10

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 06:53	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 06:53	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 06:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/26/25 22:16	03/27/25 06:53	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/26/25 22:16	03/27/25 06:53	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/26/25 22:16	03/27/25 06:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			03/26/25 22:16	03/27/25 06:53	1
1,4-Difluorobenzene (Surr)	95		70 - 130			03/26/25 22:16	03/27/25 06:53	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation						
					_			B.: E
Analyte	Result	Qualifier	RL	Unit ma/Ka	<u>D</u>	Prepared	Analyzed	Dil Fac
		Qualifier	RL 0.00402	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/27/25 06:53	Dil Fac
Analyte	Result <0.00402	Qualifier U	0.00402		<u>D</u>	Prepared		
Analyte Total BTEX	Result <0.00402	Qualifier U	0.00402		<u>D</u>	Prepared Prepared		
Analyte Total BTEX Method: SW846 8015 NM - Die	Result <0.00402 esel Range Organ Result	Qualifier U	0.00402 GC)	mg/Kg			03/27/25 06:53	1
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	Result <0.00402 esel Range Organ Result	Qualifier U ics (DRO) (Qualifier	0.00402 GC)	mg/Kg			03/27/25 06:53 Analyzed	1 Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	Result <0.00402 esel Range Organ Result <50.1	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 50.1	mg/Kg			03/27/25 06:53 Analyzed	1 Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	Result <0.00402 esel Range Organ Result <50.1 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 50.1	mg/Kg			03/27/25 06:53 Analyzed	1 Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result <0.00402 esel Range Organ Result <50.1 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	0.00402 GC) RL 50.1	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	03/27/25 06:53 Analyzed 03/27/25 03:31	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	esel Range Organ Result <50.1 iesel Range Organ Result Result Result Result Result Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00402 GC) RL 50.1	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	03/27/25 06:53 Analyzed 03/27/25 03:31 Analyzed	Dil Fac

50.1

RL

9.94

Limits

70 - 130

70 - 130

mg/Kg

Unit

mg/Kg

03/26/25 07:04

Prepared

03/26/25 07:04

03/26/25 07:04

Prepared

D

03/27/25 03:31

Analyzed

03/27/25 03:31

03/27/25 03:31

Analyzed

03/27/25 17:35

<50.1 U

%Recovery Qualifier

Result Qualifier

110

106

591

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Eurofins Carlsbad

Dil Fac

Dil Fac

Oil Range Organics (Over C28-C36)

Surrogate

o-Terphenyl

Analyte

Chloride

1-Chlorooctane

Surrogate Summary

Client: Ensolum Job ID: 890-7860-1
Project/Site: FNR Mobley pit SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7859-A-61-E MS	Matrix Spike	97	102	
890-7859-A-61-G MSD	Matrix Spike Duplicate	103	102	
890-7860-1	FS17A	112	96	
890-7860-2	FS18A	113	94	
890-7860-3	FS19A	121	100	
890-7860-4	FS30	113	97	
890-7860-5	FS31	121	95	
LCS 880-106154/1-A	Lab Control Sample	102	100	
LCSD 880-106154/2-A	Lab Control Sample Dup	103	100	
MB 880-106120/5-A	Method Blank	107	85	
MB 880-106154/5-A	Method Blank	115	93	
Surrogate Legend				
BFB = 4-Bromofluorober	zene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-7844-A-56-B MS	Matrix Spike	135 S1+	131 S1+	
90-7844-A-56-C MSD	Matrix Spike Duplicate	119	132 S1+	
90-7860-1	FS17A	118	117	
90-7860-2	FS18A	129	126	
90-7860-3	FS19A	105	102	
90-7860-4	FS30	112	107	
90-7860-5	FS31	110	106	
CS 880-106065/2-A	Lab Control Sample	162 S1+	150 S1+	
CSD 880-106065/3-A	Lab Control Sample Dup	134 S1+	145 S1+	
IB 880-106065/1-A	Method Blank	163 S1+	163 S1+	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Ensolum Job ID: 890-7860-1 Project/Site: FNR Mobley pit SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106120/5-A

Matrix: Solid

Analysis Batch: 106081

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106120

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/26/25 13:53	03/26/25 15:27	•
Toluene	<0.00200	U	0.00200	mg/Kg		03/26/25 13:53	03/26/25 15:27	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/26/25 13:53	03/26/25 15:27	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/26/25 13:53	03/26/25 15:27	
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/26/25 13:53	03/26/25 15:27	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/26/25 13:53	03/26/25 15:27	•

MB MB

MR MR

<0.00200 U

<0.00200 U

<0.00200 U

<0.00400 U

<0.00200 U

Result Qualifier

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/26/25 13:5	3 03/26/25 15:27	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/26/25 13:5	3 03/26/25 15:27	1

RL

0.00200

0.00200

0.00200

0.00400

0.00200

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Lab Sample ID: MB 880-106154/5-A **Matrix: Solid**

Analysis Batch: 106081

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Client Sample ID: Method Blank

Analyzed

03/27/25 02:04

03/27/25 02:04

03/27/25 02:04

03/27/25 02:04

03/27/25 02:04

Prepared

03/26/25 22:16

03/26/25 22:16

03/26/25 22:16

03/26/25 22:16

03/26/25 22:16

Prep Type: Total/NA

Prep Batch: 106154

Dil Fac

1

Xylenes, Total	<0.00400	U	0.00400	mg/Kg	03/26/25 22:16	03/27/25 02:04	1
	МВ	MB					
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130		03/26/25 22:16	03/27/25 02:04	1
1,4-Difluorobenzene (Surr)	93		70 - 130		03/26/25 22:16	03/27/25 02:04	1

Lab Sample ID: LCS 880-106154/1-A

Matrix: Solid

Analysis Batch: 106081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 106154**

	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	
Benzene	0.100	0.1051	mg/Kg		105	70 - 130	
Toluene	0.100	0.1068	mg/Kg		107	70 - 130	
Ethylbenzene	0.100	0.09846	mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	0.200	0.1979	mg/Kg		99	70 - 130	
o-Xylene	0.100	0.1012	mg/Kg		101	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1.4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: LCSD 880-106154/2-A

Matrix: Solid

Analysis Batch: 106081

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

Prep Batch: 106154 iit

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1116		mg/Kg		112	70 - 130	6	35

QC Sample Results

Job ID: 890-7860-1 Client: Ensolum Project/Site: FNR Mobley pit SDG: 03C2284005

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

Lab Sample ID: LCSD 880-106154/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 106081 **Prep Batch: 106154** Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Toluene 0.100 0.1103 110 70 - 130 35 mg/Kg 3 Ethylbenzene 0.100 0.1013 mg/Kg 101 70 - 130 3 0.200 m-Xylene & p-Xylene 0.2023 mg/Kg 101 70 - 130 2 35 o-Xylene 0.100 0.1040 mg/Kg 104 70 - 130 3

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7859-A-61-E MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 106081									Prep B	atch: 106154
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.1028		mg/Kg		102	70 - 130	
Toluene	<0.00198	U	0.101	0.1007		mg/Kg		100	70 - 130	
Ethylbenzene	<0.00198	U	0.101	0.09168		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene	<0.00397	U	0.201	0.1825		mg/Kg		91	70 - 130	
o-Xylene	<0.00198	U	0.101	0.09283		mg/Kg		92	70 - 130	
o-xylene	<0.00198	U	0.101	0.09283		mg/Kg		92	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-7859-A-61-G MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 106081									Prep Batch: 106154		
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.100	0.09659		mg/Kg		96	70 - 130	6	35
Toluene	<0.00198	U	0.100	0.09721		mg/Kg		97	70 - 130	4	35
Ethylbenzene	<0.00198	U	0.100	0.08935		mg/Kg		89	70 - 130	3	35
m-Xylene & p-Xylene	<0.00397	U	0.200	0.1795		mg/Kg		90	70 - 130	2	35
o-Xylene	<0.00198	U	0.100	0.09160		mg/Kg		91	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Lab Sample ID: MB 880-106065/1-A

Analysis Batch: 106122							Prep Batch:	106065
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		03/26/25 07:03	03/26/25 11:43	1

(GRO)-C6-C10

Eurofins Carlsbad

Prep Type: Total/NA

Client Sample ID: Method Blank

Released to Imaging: 8/6/2025 1:35:55 PM

o-Terphenyl

Dil Fac

03/26/25 11:43

03/26/25 11:43

03/26/25 07:03

03/26/25 07:03

Job ID: 890-7860-1 Client: Ensolum Project/Site: FNR Mobley pit SDG: 03C2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

<50.0 U

163 S1+

Lab Sample ID: MB 880-106065/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 106122 **Prep Batch: 106065**

MB MB Result Qualifier RL Unit Prepared Analyzed Analyte

Diesel Range Organics (Over mg/Kg C10-C28) 50.0 03/26/25 07:03 03/26/25 11:43 Oil Range Organics (Over C28-C36) <50.0 U mg/Kg

50.0

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 163 S1+ 70 - 130 03/26/25 07:03 03/26/25 11:43

70 - 130

Lab Sample ID: LCS 880-106065/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA Analysis Batch: 106122 **Prep Batch: 106065** LCS LCS

Spike Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 1171 70 - 130 mg/Kg 117 (GRO)-C6-C10 1000 1209 Diesel Range Organics (Over 121 70 - 130mg/Kg

C10-C28) LCS LCS Limits

Surrogate %Recovery Qualifier 1-Chlorooctane 162 S1+ 70 - 130 o-Terphenyl 150 S1+ 70 - 130

Lab Sample ID: LCSD 880-106065/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 106122 Prep Batch: 106065**

Spike LCSD LCSD %Rec **RPD**

Result Qualifier RPD Limit Analyte Added Unit D %Rec Limits 1000 1160 116 70 - 130 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1233 mg/Kg 123 70 - 130 2 20 C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 134 S1+ 70 - 130 o-Terphenyl 145 S1+ 70 - 130

Lab Sample ID: 890-7844-A-56-B MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 106122 **Prep Batch: 106065** MS MS %Rec Sample Sample Spike

Result Qualifier Added Qualifier Analyte Result Unit %Rec Limits U 1010 Gasoline Range Organics <49.7 895.6 89 70 - 130mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U 1010 957.0 mg/Kg 92 70 - 130 C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 70 - 130

135 S1+ 1-Chlorooctane 70 - 130 131 S1+ o-Terphenyl

Job ID: 890-7860-1 Client: Ensolum Project/Site: FNR Mobley pit SDG: 03C2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7844-A-56-C MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 106122 **Prep Batch: 106065** Sample Sample Spike MSD MSD RPD Result Qualifier Analyte Added Result Qualifier %Rec Limits RPD Limit Unit D Gasoline Range Organics <49.7 U 1010 938.7 mg/Kg 93 70 - 130 5 20 (GRO)-C6-C10 1010 1057 102 70 - 130Diesel Range Organics (Over <49.7 U mg/Kg 10 20

C10-C28)

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane 70 - 130 119 o-Terphenyl 132 S1+ 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106177/1-A Client Sample ID: Method Blank

Matrix: Solid Prep Type: Soluble

Analysis Batch: 106190

Result Qualifier RL Unit Analyte D Prepared Analyzed Dil Fac Chloride <10.0 10.0 mg/Kg 03/27/25 14:21

Lab Sample ID: LCS 880-106177/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 106190

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Chloride 250 255.8 90 - 110 mg/Kg 102

Lab Sample ID: LCSD 880-106177/3-A Client Sample ID: Lab Control Sample Dup

MB MB

Matrix: Solid

Analysis Batch: 106190

Spike LCSD LCSD RPD %Rec Analyte Added Result Qualifier Unit %Rec RPD Limits Limit Chloride 250 253.8 102 90 - 110 mg/Kg

Lab Sample ID: 890-7859-A-65-E MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 106190

Sample Sample Spike MS MS %Rec Qualifier Added Qualifier Analyte Result Result %Rec Limits Unit Chloride 249 90 - 110 258 504.1 mg/Kg

Lab Sample ID: 890-7859-A-65-F MSD

Matrix: Solid

Analysis Batch: 106190

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	258		249	500.4		mg/Kg		97	90 - 110	1	20

Eurofins Carlsbad

Prep Type: Soluble

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

QC Association Summary

Client: Ensolum
Project/Site: FNR Mobley pit
SDG: 03C2284005

GC VOA

Analysis Batch: 106081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7860-1	FS17A	Total/NA	Solid	8021B	106154
890-7860-2	FS18A	Total/NA	Solid	8021B	106154
890-7860-3	FS19A	Total/NA	Solid	8021B	106154
890-7860-4	FS30	Total/NA	Solid	8021B	106154
890-7860-5	FS31	Total/NA	Solid	8021B	106154
MB 880-106120/5-A	Method Blank	Total/NA	Solid	8021B	106120
MB 880-106154/5-A	Method Blank	Total/NA	Solid	8021B	106154
LCS 880-106154/1-A	Lab Control Sample	Total/NA	Solid	8021B	106154
LCSD 880-106154/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106154
890-7859-A-61-E MS	Matrix Spike	Total/NA	Solid	8021B	106154
890-7859-A-61-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106154

Prep Batch: 106120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-106120/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 106154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7860-1	FS17A	Total/NA	Solid	5035	
890-7860-2	FS18A	Total/NA	Solid	5035	
890-7860-3	FS19A	Total/NA	Solid	5035	
890-7860-4	FS30	Total/NA	Solid	5035	
890-7860-5	FS31	Total/NA	Solid	5035	
MB 880-106154/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106154/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106154/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7859-A-61-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7859-A-61-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106249

Lab Sample ID 890-7860-1	Client Sample ID FS17A	Prep Type Total/NA	Matrix Solid	Method Total BTEX	Prep Batch
890-7860-2	FS18A	Total/NA	Solid	Total BTEX	
890-7860-3	FS19A	Total/NA	Solid	Total BTEX	
890-7860-4	FS30	Total/NA	Solid	Total BTEX	
890-7860-5	FS31	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7860-1	FS17A	Total/NA	Solid	8015NM Prep	
890-7860-2	FS18A	Total/NA	Solid	8015NM Prep	
890-7860-3	FS19A	Total/NA	Solid	8015NM Prep	
890-7860-4	FS30	Total/NA	Solid	8015NM Prep	
890-7860-5	FS31	Total/NA	Solid	8015NM Prep	
MB 880-106065/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106065/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106065/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7844-A-56-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7844-A-56-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Ensolum
Project/Site: FNR Mobley pit

Job ID: 890-7860-1 SDG: 03C2284005

GC Semi VOA

Analysis Batch: 106122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7860-1	FS17A	Total/NA	Solid	8015B NM	106065
890-7860-2	FS18A	Total/NA	Solid	8015B NM	106065
890-7860-3	FS19A	Total/NA	Solid	8015B NM	106065
890-7860-4	FS30	Total/NA	Solid	8015B NM	106065
890-7860-5	FS31	Total/NA	Solid	8015B NM	106065
MB 880-106065/1-A	Method Blank	Total/NA	Solid	8015B NM	106065
LCS 880-106065/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106065
LCSD 880-106065/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106065
890-7844-A-56-B MS	Matrix Spike	Total/NA	Solid	8015B NM	106065
890-7844-A-56-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106065

Analysis Batch: 106235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7860-1	FS17A	Total/NA	Solid	8015 NM	
890-7860-2	FS18A	Total/NA	Solid	8015 NM	
890-7860-3	FS19A	Total/NA	Solid	8015 NM	
890-7860-4	FS30	Total/NA	Solid	8015 NM	
890-7860-5	FS31	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 106177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7860-1	FS17A	Soluble	Solid	DI Leach	
890-7860-2	FS18A	Soluble	Solid	DI Leach	
890-7860-3	FS19A	Soluble	Solid	DI Leach	
890-7860-4	FS30	Soluble	Solid	DI Leach	
890-7860-5	FS31	Soluble	Solid	DI Leach	
MB 880-106177/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106177/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106177/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7859-A-65-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7859-A-65-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 106190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7860-1	FS17A	Soluble	Solid	300.0	106177
890-7860-2	FS18A	Soluble	Solid	300.0	106177
890-7860-3	FS19A	Soluble	Solid	300.0	106177
890-7860-4	FS30	Soluble	Solid	300.0	106177
890-7860-5	FS31	Soluble	Solid	300.0	106177
MB 880-106177/1-A	Method Blank	Soluble	Solid	300.0	106177
LCS 880-106177/2-A	Lab Control Sample	Soluble	Solid	300.0	106177
LCSD 880-106177/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106177
890-7859-A-65-E MS	Matrix Spike	Soluble	Solid	300.0	106177
890-7859-A-65-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106177

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Job ID: 890-7860-1

Client: Ensolum Project/Site: FNR Mobley pit SDG: 03C2284005

Client Sample ID: FS17A Lab Sample ID: 890-7860-1

Date Collected: 03/26/25 14:57 **Matrix: Solid** Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106154	03/26/25 22:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106081	03/27/25 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106249	03/27/25 04:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106235	03/27/25 02:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106065	03/26/25 07:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106122	03/27/25 02:26	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	106177	03/27/25 09:22	SA	EET MID
Soluble	Analysis	300.0		1			106190	03/27/25 16:52	SMC	EET MID

Client Sample ID: FS18A Lab Sample ID: 890-7860-2 Date Collected: 03/26/25 13:55 **Matrix: Solid**

Date Received: 03/26/25 16:20

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 4.98 g 5 mL 106154 03/26/25 22:16 EL EET MID Total/NA 8021B 5 mL 106081 **EET MID** Analysis 1 5 mL 03/27/25 04:49 MNR Total/NA Total BTEX 106249 03/27/25 04:49 Analysis A.I **EET MID** 1 Total/NA Analysis 8015 NM 106235 03/27/25 02:43 ΑJ **EET MID** Total/NA 106065 03/26/25 07:04 EL Prep 8015NM Prep 10.01 g 10 mL EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 106122 03/27/25 02:43 TKC **EET MID** Soluble 5.03 g Leach DI Leach 50 mL 106177 03/27/25 09:22 SA **EET MID** Soluble Analysis 300.0 106190 03/27/25 17:14 SMC **EET MID**

Lab Sample ID: 890-7860-3 Client Sample ID: FS19A Date Collected: 03/26/25 13:58

Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	106154	03/26/25 22:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106081	03/27/25 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106249	03/27/25 05:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106235	03/27/25 02:59	AJ	EET MIC
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	106065	03/26/25 07:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106122	03/27/25 02:59	TKC	EET MIC
Soluble	Leach	DI Leach			5.01 g	50 mL	106177	03/27/25 09:22	SA	EET MIC
Soluble	Analysis	300.0		1			106190	03/27/25 17:21	SMC	EET MID

Lab Sample ID: 890-7860-4 **Client Sample ID: FS30**

Date Collected: 03/26/25 13:54 Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106154	03/26/25 22:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106081	03/27/25 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106249	03/27/25 05:30	AJ	EET MID

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Page 17 of 24

Matrix: Solid

Matrix: Solid

Client: Ensolum Job ID: 890-7860-1 Project/Site: FNR Mobley pit SDG: 03C2284005

Client Sample ID: FS30 Lab Sample ID: 890-7860-4

Date Collected: 03/26/25 13:54 Matrix: Solid Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			106235	03/27/25 03:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106065	03/26/25 07:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106122	03/27/25 03:15	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106177	03/27/25 09:22	SA	EET MID
Soluble	Analysis	300.0		1			106190	03/27/25 17:28	SMC	EET MID

Client Sample ID: FS31 Lab Sample ID: 890-7860-5

Date Collected: 03/26/25 13:57 Matrix: Solid

Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	106154	03/26/25 22:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106081	03/27/25 06:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106249	03/27/25 06:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106235	03/27/25 03:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	106065	03/26/25 07:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106122	03/27/25 03:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106177	03/27/25 09:22	SA	EET MID
Soluble	Analysis	300.0		1			106190	03/27/25 17:35	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-7860-1 SDG: 03C2284005

Project/Site: FNR Mobley pit

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELAF	Р	T104704400	06-30-25
,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	

Method Summary

Client: Ensolum Job ID: 890-7860-1
Project/Site: FNR Mobley pit SDG: 03C2284005

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

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Sample Summary

Client: Ensolum

Project/Site: FNR Mobley pit

Job ID: 890-7860-1

SDG: 03C2284005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7860-1	FS17A	Solid	03/26/25 14:57	03/26/25 16:20	8
890-7860-2	FS18A	Solid	03/26/25 13:55	03/26/25 16:20	10
890-7860-3	FS19A	Solid	03/26/25 13:58	03/26/25 16:20	8
890-7860-4	FS30	Solid	03/26/25 13:54	03/26/25 16:20	10
890-7860-5	FS31	Solid	03/26/25 13:57	03/26/25 16:20	10

Xenco	Environment Testing	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland: TX (432) 704-5440, San Antonio, TX (210) 509-3334	
Project Manager: TP(PMY R	00	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	890-7860 Chain of Custody
	eich	Bill to: (if different)	mmc
Company Name: En SoluM, LL	c	Company Name:	Program: UST/PST PRP Brownfields RRC Superfund
Address: 3122 Nettional	ional racks HWY	Address:	0
City, State ZIP. Calls bad, NM	NM 88220	City, State ZIP:	evel Level PST/UST
Phone: 432-346-06	-0627 Email:	: JEGICHOLOSONM, COM/a PEFFE II CENSONUM, COM	ال Deliverables: EDD \ ADaPT \ Other:
Project Name: FWR Moblev	1.0	Turn Around ANALYS	ANALYSIS REQUEST Preservative Codes
oer: 03C2	OOS Routine	Thush Ayth Code (vo) (vo)	None: NO DI Water: H ₂ O
Project Location: 33,34633.	33,346 335,-103.414876 Due Date:	3/27/35	Cool: Cool MeOH: Me
Sampler's Name: /+/eX Ferrell		TAT starts the day received by	
	(Т	H ₂ 50 4; H ₂ NaOH; Na
SAMPLE RECEIPT Temp Blank:		ətəu	H ₃ PO ₄ : HP
Act: Yesy 1		Pere Pere	NaHSO 4: NABIS
Yes No	T	7 ×	Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals: Yes No 🕓	(N/W Temperature Reading:	h	Zn Acetate+NaOH: Zn
Total Containers:	Corrected Temperature:	t S	NaOH+Ascorbic Acid: SAPC
Sample Identification M		Depth Grab/ # of Ch	Sample Comments
	Sampled	Comp Collic	
1	5 3/26/25/1957	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
-518A		0 0 0	
15/9 A	5 558	> \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
F530	5 (1554	10 6 1 / / /	
553	\$ 1357		
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb M TCLP/SPLP6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni	Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn b Mn Mo Ni Se Ag Tl U Hg: 1631/245.1/7470 /7471
:: Signature of this document and relinquishment i.e., Eurofins Xenco will be liable only for the cost ofins Xenco. A minimum charge of \$85.00 will be	of samples constitutes a valid purchase or tof samples and shall not assume any resp applied to each project and a charge of \$!	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be lable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Eurofins Xenco, Eurofins Xenco, Eurofins and Sample or and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	rdard terms and conditions tances beyond the control
Relinquished by: (Signature)	Received by: (Signature)	re) Date/Time Relinquished by: (Signature)	Signature) Received by: (Signature) Date/Time
M	Me	3/36/25 1620 2	
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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-7860-1

SDG Number: 03C2284005

Login Number: 7860 List Source: Eurofins Carlsbad

List Number: 1 Creator: Lopez, Abraham

MS/MSDs

<6mm (1/4").

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 True tampered with. Samples were received on ice. True True Cooler Temperature is acceptable. 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 True HTs) 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. N/A Refer to Job Narrative for details. Sample bottles are completely filled. True N/A Sample Preservation Verified.

True

N/A

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There is sufficient vol. for all requested analyses, incl. any requested

Containers requiring zero headspace have no headspace or bubble is

Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-7860-1

SDG Number: 03C2284005

Login Number: 7860 **List Source: Eurofins Midland** List Number: 2

List Creation: 03/27/25 08:26 AM

Creator: Rios, Minerva

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.	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	N/A	

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

Generated 3/31/2025 3:23:36 PM

JOB DESCRIPTION

FNR Mobley pit

JOB NUMBER

890-7861-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 3/31/2025 3:23:36 PM

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

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Laboratory Job ID: 890-7861-1

Client: Ensolum Project/Site: FNR Mobley pit

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	18
Lab Chronicle	21
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receint Checklists	27

Definitions/Glossary

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Qualifiers

GC VOA

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier Qualifier Description

F1 MS and/or MSD recovery exceeds control limits.

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)
MDN Meet Prohable Number

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

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Case Narrative

Client: Ensolum Job ID: 890-7861-1

Project: FNR Mobley pit

Job ID: 890-7861-1 **Eurofins Carlsbad**

Job Narrative 890-7861-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/26/2025 4:20 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 3.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: FS24A (890-7861-1), FS25 (890-7861-2), FS26 (890-7861-3), FS27A (890-7861-4), FS28 (890-7861-5) and FS29A (890-7861-6).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-106171/20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: The method blank for preparation batch 880-106150 and analytical batch 880-106362 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-106150/2-A), (LCS 880-106198/2-A), (LCSD 880-106150/3-A), (LCSD 880-106198/3-A) and (890-7845-A-4-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: FS24A (890-7861-1), FS25 (890-7861-2), FS26 (890-7861-3), FS27A (890-7861-4), FS28 (890-7861-5), FS29A (890-7861-6), (890-7861-A-5-C MS) and (890-7861-A-5-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-106198 and analytical batch 880-106362 was outside the upper control limits.

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

Method 300 ORGFM 28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106443 and analytical batch 880-106463 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Client Sample ID: FS24A Lab Sample ID: 890-7861-1 Date Collected: 03/26/25 10:42

Matrix: Solid

Date Received: 03/26/25 16:20

Sample Depth: 4

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/25 09:46	03/27/25 17:48	1
Toluene	< 0.00199	U	0.00199	mg/Kg		03/27/25 09:46	03/27/25 17:48	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		03/27/25 09:46	03/27/25 17:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/25 09:46	03/27/25 17:48	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		03/27/25 09:46	03/27/25 17:48	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/25 09:46	03/27/25 17:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			03/27/25 09:46	03/27/25 17:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130			03/27/25 09:46	03/27/25 17:48	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/27/25 17:48	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)					
	5	, ,,	•		_			B.: E
Analyte		Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	
Analyte Total TPH		Qualifier	•	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/28/25 23:12	
	<49.7	Qualifier U	RL 49.7		<u>D</u>	Prepared		
Total TPH	<49.7	Qualifier U	RL 49.7		<u>D</u>	Prepared Prepared		1
Total TPH Method: SW846 8015B NM - Dies	<49.7	Qualifier Unics (DRO) Qualifier	RL 49.7 (GC)	mg/Kg	<u> </u>		03/28/25 23:12	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	<49.7 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	RL 49.7 (GC)	mg/Kg	<u> </u>	Prepared	03/28/25 23:12 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.7 sel Range Orga Result <49.7	Qualifier U nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7	mg/Kg Unit mg/Kg	<u> </u>	Prepared 03/26/25 20:48	03/28/25 23:12 Analyzed 03/28/25 23:12	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.7 sel Range Orga Result <49.7 <49.7	Qualifier U nics (DRO) Qualifier U U	RL 49.7 (GC) RL 49.7 49.7	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 03/26/25 20:48 03/26/25 20:48	03/28/25 23:12 Analyzed 03/28/25 23:12 03/28/25 23:12	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.7 sel Range Orga Result <49.7 <49.7 <49.7	Qualifier U nics (DRO) Qualifier U U	RL 49.7 (GC) RL 49.7 49.7 49.7	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 03/26/25 20:48 03/26/25 20:48 03/26/25 20:48	03/28/25 23:12 Analyzed 03/28/25 23:12 03/28/25 23:12 03/28/25 23:12	Dil Face 1 1 1 Dil Face
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 %Recovery 152	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 03/26/25 20:48 03/26/25 20:48 03/26/25 20:48 Prepared	03/28/25 23:12 Analyzed 03/28/25 23:12 03/28/25 23:12 03/28/25 23:12 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 %Recovery 152 156	Qualifier U nics (DRO) Qualifier U U Qualifier S1+ S1+	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 03/26/25 20:48 03/26/25 20:48 03/26/25 20:48 Prepared 03/26/25 20:48	03/28/25 23:12 Analyzed 03/28/25 23:12 03/28/25 23:12 03/28/25 23:12 Analyzed 03/28/25 23:12	Dil Fac 1 1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 *Recovery 152 156 Chromatograp	Qualifier U nics (DRO) Qualifier U U Qualifier S1+ S1+	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 03/26/25 20:48 03/26/25 20:48 03/26/25 20:48 Prepared 03/26/25 20:48	03/28/25 23:12 Analyzed 03/28/25 23:12 03/28/25 23:12 03/28/25 23:12 Analyzed 03/28/25 23:12	1 1 1 Dil Fac

Client Sample ID: FS25 Lab Sample ID: 890-7861-2

Date Collected: 03/26/25 10:48 Date Received: 03/26/25 16:20

Sample Depth: 4

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/25 09:46	03/27/25 18:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:08	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/25 09:46	03/27/25 18:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			03/27/25 09:46	03/27/25 18:08	1

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Matrix: Solid

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Client Sample ID: FS25 Lab Sample ID: 890-7861-2

Date Collected: 03/26/25 10:48 Matrix: Solid

Date Received: 03/26/25 16:20 Sample Depth: 4

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1 4-Difluorobenzene (Surr)	94	70 130	03/27/25 09:46	03/27/25 18:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399 U	0.00399	ma/Ka			03/27/25 18:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3	ma/Ka			03/28/25 23:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.3	U	50.3	mg/Kg		03/26/25 20:48	03/28/25 23:29	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.3	U	50.3	mg/Kg		03/26/25 20:48	03/28/25 23:29	1
C10-C28)								
Oil Range Organics (Over C28-C36)	<50.3	U	50.3	mg/Kg		03/26/25 20:48	03/28/25 23:29	1
Cumanata	9/ Bassyany	Ouglities.	l imaida			Duamawad	Analymad	Dil Foo

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	166	S1+	70 - 130	03/26/25 20:48	03/28/25 23:29	1
o-Terphenyl	170	S1+	70 - 130	03/26/25 20:48	03/28/25 23:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		9.96	mg/Kg			03/31/25 13:07	1

Client Sample ID: FS26 Lab Sample ID: 890-7861-3

Date Collected: 03/26/25 10:55 Date Received: 03/26/25 16:20

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:28	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:28	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/25 09:46	03/27/25 18:28	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:28	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/25 09:46	03/27/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			03/27/25 09:46	03/27/25 18:28	1

4-Bromofluorobenzene (Surr)	110	70 - 130	03/27/25 09:46	1
1,4-Difluorobenzene (Surr)	94	70 - 130	03/27/25 09:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			03/27/25 18:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/28/25 23:45	1

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3

8

10

12

13

Matrix: Solid

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Client Sample ID: FS26 Lab Sample ID: 890-7861-3

Date Collected: 03/26/25 10:55 Matrix: Solid

Date Received: 03/26/25 16:20

Sample Depth: 4

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/26/25 20:48	03/28/25 23:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/26/25 20:48	03/28/25 23:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/26/25 20:48	03/28/25 23:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	187	S1+	70 - 130			03/26/25 20:48	03/28/25 23:45	1
o-Terphenyl	188	S1+	70 - 130			03/26/25 20:48	03/28/25 23:45	1

Result Qualifier Analyte RL Unit D Prepared Analyzed Dil Fac 9.94 03/31/25 13:12 Chloride 435 mg/Kg

Client Sample ID: FS27A

Lab Sample ID: 890-7861-4 Date Collected: 03/26/25 11:00 **Matrix: Solid**

Date Received: 03/26/25 16:20

Sample Depth: 4

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/25 09:46	03/27/25 18:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 18:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/25 09:46	03/27/25 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			03/27/25 09:46	03/27/25 18:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130			03/27/25 09:46	03/27/25 18:49	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			03/27/25 18:49	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<55.2	U	55.2	mg/Kg			03/29/25 00:02	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<55.2	U	55.2	mg/Kg		03/26/25 20:48	03/29/25 00:02	1
Diesel Range Organics (Over C10-C28)	<55.2	U	55.2	mg/Kg		03/26/25 20:48	03/29/25 00:02	1
Oil Range Organics (Over C28-C36)	<55.2	U	55.2	mg/Kg		03/26/25 20:48	03/29/25 00:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	239	S1+	70 - 130			03/26/25 20:48	03/29/25 00:02	1
o-Terphenyl		S1+	70 - 130			03/26/25 20:48	03/29/25 00:02	1

Matrix: Solid

Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Client Sample ID: FS27A

Date Received: 03/26/25 16:20

Lab Sample ID: 890-7861-4 Date Collected: 03/26/25 11:00

Matrix: Solid

Sample Depth: 4

Client: Ensolum

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared 03/31/25 13:18 Chloride 9.90 462 mg/Kg

Client Sample ID: FS28 Lab Sample ID: 890-7861-5

Date Collected: 03/26/25 11:05

Date Received: 03/26/25 16:20

Sample Depth: 4

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/25 09:46	03/27/25 19:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:09	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/25 09:46	03/27/25 19:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			03/27/25 09:46	03/27/25 19:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130			03/27/25 09:46	03/27/25 19:09	1
Method: SW846 8015 NM - Diese	al Range Organ	:aa (DDO) (
	i italige Organ	ics (DRO) (i	GC)					
Analyte		Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH		Qualifier	•	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/29/25 02:14	Dil Fac
·		Qualifier U	RL 49.7		<u>D</u>	Prepared		
Total TPH	Result <49.7	Qualifier U	RL 49.7		<u>D</u>	Prepared Prepared		
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <49.7	Qualifier Unics (DRO) Qualifier	RL 49.7	mg/Kg			03/29/25 02:14	1
Total TPH Method: SW846 8015B NM - Dies	Result <49.7 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	RL 49.7 (GC)	mg/Kg		Prepared	03/29/25 02:14 Analyzed	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result Result 49.7 sel Range Orga Result <49.7	Qualifier U nics (DRO) Qualifier U	(GC) RL 49.7	mg/Kg Unit mg/Kg		Prepared 03/27/25 12:15	03/29/25 02:14 Analyzed 03/29/25 02:14	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7 49.7	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/27/25 12:15 03/27/25 12:15	03/29/25 02:14 Analyzed 03/29/25 02:14 03/29/25 02:14	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U U	RL 49.7 (GC) RL 49.7 49.7 49.7	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/27/25 12:15 03/27/25 12:15	03/29/25 02:14 Analyzed 03/29/25 02:14 03/29/25 02:14 03/29/25 02:14	1 Dil Fac

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Analyzed

03/31/25 13:24

RL

9.90

Unit

mg/Kg

D

Prepared

Dil Fac

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

Matrix: Solid

Lab Sample ID: 890-7861-6

Client Sample Results

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Client Sample ID: FS29A

Date Collected: 03/26/25 11:10 Date Received: 03/26/25 16:20

Sample Depth: 4

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/27/25 09:46	03/27/25 19:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 19:30	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/27/25 09:46	03/27/25 19:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			03/27/25 09:46	03/27/25 19:30	1
1,4-Difluorobenzene (Surr)	97		70 - 130			03/27/25 09:46	03/27/25 19:30	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/27/25 19:30	1
•								
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)					
Method: SW846 8015 NM - Diese Analyte	•	ics (DRO) (Qualifier	GC)	Unit	D	Prepared	Analyzed	Dil Fac
	•	Qualifier	•	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/29/25 03:03	Dil Fac
Analyte	Result <49.6	Qualifier U	RL 49.6		<u>D</u>	Prepared		
Analyte Total TPH	Result <49.6 sel Range Orga	Qualifier U	RL 49.6		<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <49.6 sel Range Orga	Qualifier U unics (DRO) Qualifier	RL 49.6	mg/Kg		· ·	03/29/25 03:03	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.6 Sel Range Orga Result <49.6	Qualifier U unics (DRO) Qualifier U	RL 49.6 (GC) RL 49.6	mg/Kg Unit mg/Kg		Prepared 03/27/25 12:15	03/29/25 03:03 Analyzed 03/29/25 03:03	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.6 sel Range Orga	Qualifier U unics (DRO) Qualifier U	RL 49.6 (GC)	mg/Kg		Prepared	03/29/25 03:03 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.6 Sel Range Orga Result <49.6	Qualifier U unics (DRO) Qualifier U	RL 49.6 (GC) RL 49.6	mg/Kg Unit mg/Kg		Prepared 03/27/25 12:15	03/29/25 03:03 Analyzed 03/29/25 03:03	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U unics (DRO) Qualifier U U	RL 49.6 (GC) RL 49.6 49.6	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/27/25 12:15 03/27/25 12:15	03/29/25 03:03 Analyzed 03/29/25 03:03 03/29/25 03:03 03/29/25 03:03	1 Dil Fac 1 1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U unics (DRO) Qualifier U U	RL 49.6 (GC) RL 49.6 49.6	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/27/25 12:15 03/27/25 12:15	03/29/25 03:03 Analyzed 03/29/25 03:03 03/29/25 03:03	1 Dil Fac 1 1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result <49.6	Qualifier U unics (DRO) Qualifier U U	RL 49.6 (GC) RL 49.6 49.6 49.6	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/27/25 12:15 03/27/25 12:15 03/27/25 12:15 Prepared	03/29/25 03:03 Analyzed 03/29/25 03:03 03/29/25 03:03 03/29/25 03:03 Analyzed	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.6	Qualifier U U Qualifier U U Qualifier S1+ S1+	RL 49.6 (GC) RL 49.6 49.6 49.6 Limits 70 - 130 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/27/25 12:15 03/27/25 12:15 03/27/25 12:15 Prepared 03/27/25 12:15	03/29/25 03:03 Analyzed 03/29/25 03:03 03/29/25 03:03 Analyzed 03/29/25 03:03	1 Dil Fac 1 1 1 1 Dil Fac 1

9.98

mg/Kg

313

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03/31/25 13:29

Surrogate Summary

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recov
		BFB1	DFBZ1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7859-A-56-D MS	Matrix Spike	97	103	
390-7859-A-56-E MSD	Matrix Spike Duplicate	99	100	
390-7861-1	FS24A	105	92	
390-7861-2	FS25	108	94	
390-7861-3	FS26	110	94	
390-7861-4	FS27A	112	96	
390-7861-5	FS28	115	98	
390-7861-6	FS29A	114	97	
_CS 880-106178/1-A	Lab Control Sample	102	100	
_CSD 880-106178/2-A	Lab Control Sample Dup	99	99	
MB 880-106178/5-A	Method Blank	113	89	
Surrogate Legend				

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7845-A-4-E MS	Matrix Spike	112	125	
890-7845-A-4-F MSD	Matrix Spike Duplicate	119	133 S1+	
390-7861-1	FS24A	152 S1+	156 S1+	
390-7861-2	FS25	166 S1+	170 S1+	
390-7861-3	FS26	187 S1+	188 S1+	
390-7861-4	FS27A	239 S1+	245 S1+	
390-7861-5	FS28	154 S1+	159 S1+	
390-7861-5 MS	FS28	140 S1+	163 S1+	
390-7861-5 MSD	FS28	142 S1+	163 S1+	
90-7861-6	FS29A	142 S1+	147 S1+	
CS 880-106150/2-A	Lab Control Sample	115	136 S1+	
CS 880-106198/2-A	Lab Control Sample	121	140 S1+	
CSD 880-106150/3-A	Lab Control Sample Dup	118	135 S1+	
_CSD 880-106198/3-A	Lab Control Sample Dup	124	143 S1+	
MB 880-106150/1-A	Method Blank	119	125	
MB 880-106198/1-A	Method Blank	129	132 S1+	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106178/5-A

Analysis Batch: 106171

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106178

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 11:37	
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 11:37	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 11:37	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/25 09:46	03/27/25 11:37	
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 09:46	03/27/25 11:37	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/25 09:46	03/27/25 11:37	

MB MB

Surrogate	%Recovery	Qualifier	Limits	Pr	epared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/27	7/25 09:46	03/27/25 11:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/27	7/25 09:46	03/27/25 11:37	1

Lab Sample ID: LCS 880-106178/1-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 106171

Prep Type: Total/NA **Prep Batch: 106178**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08010	-	mg/Kg		80	70 - 130	
Toluene	0.100	0.07999		mg/Kg		80	70 - 130	
Ethylbenzene	0.100	0.07431		mg/Kg		74	70 - 130	
m-Xylene & p-Xylene	0.200	0.1494		mg/Kg		75	70 - 130	
o-Xylene	0.100	0.07837		mg/Kg		78	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: LCSD 880-106178/2-A

Matrix: Solid

Analysis Batch: 106171

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106178

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08002		mg/Kg		80	70 - 130	0	35
Toluene	0.100	0.07977		mg/Kg		80	70 - 130	0	35
Ethylbenzene	0.100	0.07322		mg/Kg		73	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1473		mg/Kg		74	70 - 130	1	35
o-Xylene	0.100	0.07659		mg/Kg		77	70 - 130	2	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1.4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7859-A-56-D MS

Matrix: Solid

Analysis Batch: 106171

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 106178

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier U	nit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.1007	m	g/Kg		100	70 - 130	
Toluene	< 0.00198	U	0.101	0.09651	m	g/Kg		96	70 - 130	

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Page 12 of 28

QC Sample Results

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

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

Lab Sample ID: 890-7859-A-56-D MS Matrix: Solid

Analysis Batch: 106171

Client Sample ID: Matrix Spike	Client Sample	ID: Matrix Spike
--------------------------------	---------------	------------------

Prep Type: Total/NA

Prep Batch: 106178

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00198	U	0.101	0.08819		mg/Kg		88	70 - 130	
m-Xylene & p-Xylene	<0.00397	U	0.201	0.1754		mg/Kg		87	70 - 130	
o-Xylene	<0.00198	U	0.101	0.08910		mg/Kg		89	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	97	70 - 130
1,4-Difluorobenzene (Surr)	103	70 - 130

Client Sample ID: Matrix Spike Duplicate

Limits

Prep Type: Total/NA

RPD

Limit

Prep Batch: 106178

%Rec RPD

Analysis Batch: 106171

Matrix: Solid

Lab Sample ID: 890-7859-A-56-E MSD

 Sample
 Sample
 Spike
 MSD
 MSD

 Analyte
 Result
 Qualifier
 Added
 Result
 Qualifier
 Unit
 D
 %Rec

 Benzene
 <0.00198</td>
 U
 0.100
 0.09534
 mg/Kg
 95

95 70 - 130 5 35 Toluene <0.00198 U 0.100 0.09482 mg/Kg 95 70 - 130 2 35 Ethylbenzene <0.00198 U 0.100 0.08568 86 70 - 130 3 35 mg/Kg 0.200 70 - 130 35 m-Xylene & p-Xylene <0.00397 U 0.1712 mg/Kg 85 2 <0.00198 U 0.100 0.08694 87 70 - 130 2 o-Xylene mg/Kg

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-106150/1-A

Matrix: Solid

Analysis Batch: 106362

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106150

MB MB Result Qualifier RL Unit D Prepared Analyzed Dil Fac Analyte 50.0 03/26/25 20:48 03/28/25 12:49 <50.0 U Gasoline Range Organics mg/Kg (GRO)-C6-C10 03/28/25 12:49 Diesel Range Organics (Over <50.0 U 50.0 03/26/25 20:48 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 03/26/25 20:48 03/28/25 12:49 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	03/26/25 20:48	03/28/25 12:49	1
o-Terphenyl	125		70 - 130	03/26/25 20:48	03/28/25 12:49	1

Lab Sample ID: LCS 880-106150/2-A

Matrix: Solid

Analysis Batch: 106362

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 106150

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1024	-	mg/Kg		102	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1210		mg/Kg		121	70 - 130	
C10 C28)								

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14

Released to Imaging: 8/6/2025 1:35:55 PM Page 13 of 28

Job ID: 890-7861-1 Client: Ensolum

Project/Site: FNR Mobley pit

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

LCS LCS

Lab Sample ID: LCS 880-106150/2-A **Matrix: Solid**

Analysis Batch: 106362

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106150

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 115 70 - 130 o-Terphenyl 136 S1+ 70 - 130

Lab Sample ID: LCSD 880-106150/3-A

Matrix: Solid

Analysis Batch: 106362

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106150

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1025 103 70 - 130O 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1191 119 mg/Kg 70 - 1302 20 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 118 135 S1+ 70 - 130 o-Terphenyl

Lab Sample ID: 890-7845-A-4-E MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 106362

Prep Type: Total/NA

Prep Batch: 106150

Sample Sample MS MS Spike Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <49.7 U 995 727.9 mg/Kg 73 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U 995 911.2 mg/Kg 92 70 - 130

C10-C28)

MS MS %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 112 o-Terphenyl 125 70 - 130

Lab Sample ID: 890-7845-A-4-F MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid**

Spike

Added

995

995

MSD MSD

Qualifier

Unit

mg/Kg

mg/Kg

Result

769.7

962.4

Analysis Batch: 106362

Gasoline Range Organics

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Prep Type: Total/NA

70 - 130

97

Prep Batch: 106150

20

RPD %Rec %Rec Limits RPD Limit 77 70 - 130 6 20

Diesel Range Organics (Over C10-C28)

(GRO)-C6-C10

Analyte

MSD MSD

Sample Sample

Result Qualifier

U

<49.7

<49.7 U

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 119 70 - 130 133 S1+ 70 - 130 o-Terphenyl

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-106198/1-A

Lab Sample ID: LCS 880-106198/2-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 106362

Analysis Batch: 106362

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106198

		MB	MB						
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Gasoline Range Organics	<50.0	U	50.0	mg/Kg		03/27/25 12:15	03/29/25 01:24	1
	(GRO)-C6-C10								
	Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		03/27/25 12:15	03/29/25 01:24	1
	C10-C28)								
	Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/25 12:15	03/29/25 01:24	1
		MP	MD						

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	03/27/25 12:15	03/29/25 01:24	1
o-Terphenyl	132	S1+	70 - 130	03/27/25 12:15	03/29/25 01:24	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106198

LCS LCS Spike %Rec Added Result Qualifier Analyte Unit D %Rec Limits 1061 Gasoline Range Organics 1000 mg/Kg 106 70 - 130 (GRO)-C6-C10 1000 1262 Diesel Range Organics (Over mg/Kg 126 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	140	S1+	70 - 130

Lab Sample ID: LCSD 880-106198/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 106362

Prep Type: Total/NA

Prep Batch: 106198

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1113		mg/Kg		111	70 - 130	5	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1300		mg/Kg		130	70 - 130	3	20
C10-C28)									

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LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	143	S1+	70 - 130

Lab Sample ID: 890-7861-5 MS Client Sample ID: FS28

Matrix: Solid

Analysis Batch: 106362

Prep Type: Total/NA Prep Batch: 106198

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	1000	958.5		mg/Kg		96	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.7	U	1000	1173		mg/Kg		117	70 - 130	

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7861-5 MS **Matrix: Solid**

Analysis Batch: 106362

Client Sample ID: FS28 Prep Type: Total/NA

Prep Batch: 106198

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 140 S1+ 70 - 130 o-Terphenyl 163 S1+ 70 - 130

Lab Sample ID: 890-7861-5 MSD **Client Sample ID: FS28**

Matrix: Solid

Analysis Batch: 106362

Prep Type: Total/NA

Prep Batch: 106198

1									•		
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.7	U	1000	964.6		mg/Kg		96	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.7	U	1000	1169		mg/Kg		117	70 - 130	0	20
C10-C28)											

MSD MSD Surrogate %Recovery Qualifier Limits 142 S1+ 70 - 130 1-Chlorooctane 163 S1+ 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106443/1-A

Matrix: Solid

Analysis Batch: 106463

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

20

MB MB

Analyte	Result	Qualifier	KL	Unit	U	Prepared	Analyzed	DII Fac	
Chloride	<10.0	U	10.0	mg/Kg			03/31/25 09:36	1	

Lab Sample ID: LCS 880-106443/2-A

Matrix: Solid

Analysis Batch: 106463

	Spike	LCS LCS			%Rec
Analyte	Added F	esult Qualifier U	nit D	%Rec	Limits
Chloride	250	240.3 m	ıg/Kg	96	90 - 110

Lab Sample ID: LCSD 880-106443/3-A

Matrix: Solid

Chloride

Analysis Batch: 106463								
	Spike	LCSD LCSD				%Rec		RPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit

242.9

mg/Kg

250

Lab Sample ID: 890-7882-A-7-B MS

Matrix: Solid

Analysis Batch: 106463

90 - 110 Client Sample ID: Matrix Spike

Prep Type: Soluble

7 mm, y 0.10 = 0.101 m 100 100										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	545	F1	250	747.2	F1	mg/Kg	_	81	90 - 110	

QC Sample Results

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7882-A-7-C MSD **Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 106463

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	545	F1	250	748.4	F1	mg/Kg	_	81	90 - 110	0	20

QC Association Summary

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

GC VOA

Analysis Batch: 106171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Total/NA	Solid	8021B	106178
890-7861-2	FS25	Total/NA	Solid	8021B	106178
890-7861-3	FS26	Total/NA	Solid	8021B	106178
890-7861-4	FS27A	Total/NA	Solid	8021B	106178
890-7861-5	FS28	Total/NA	Solid	8021B	106178
890-7861-6	FS29A	Total/NA	Solid	8021B	106178
MB 880-106178/5-A	Method Blank	Total/NA	Solid	8021B	106178
LCS 880-106178/1-A	Lab Control Sample	Total/NA	Solid	8021B	106178
LCSD 880-106178/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106178
890-7859-A-56-D MS	Matrix Spike	Total/NA	Solid	8021B	106178
890-7859-A-56-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106178

Prep Batch: 106178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Total/NA	Solid	5035	
890-7861-2	FS25	Total/NA	Solid	5035	
890-7861-3	FS26	Total/NA	Solid	5035	
890-7861-4	FS27A	Total/NA	Solid	5035	
890-7861-5	FS28	Total/NA	Solid	5035	
890-7861-6	FS29A	Total/NA	Solid	5035	
MB 880-106178/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106178/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106178/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7859-A-56-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7859-A-56-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106343

Γ					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Total/NA	Solid	Total BTEX	
890-7861-2	FS25	Total/NA	Solid	Total BTEX	
890-7861-3	FS26	Total/NA	Solid	Total BTEX	
890-7861-4	FS27A	Total/NA	Solid	Total BTEX	
890-7861-5	FS28	Total/NA	Solid	Total BTEX	
890-7861-6	FS29A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Total/NA	Solid	8015NM Prep	
890-7861-2	FS25	Total/NA	Solid	8015NM Prep	
890-7861-3	FS26	Total/NA	Solid	8015NM Prep	
890-7861-4	FS27A	Total/NA	Solid	8015NM Prep	
MB 880-106150/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106150/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106150/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7845-A-4-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7845-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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13

QC Association Summary

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

GC Semi VOA

Prep Batch: 106198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-5	FS28	Total/NA	Solid	8015NM Prep	
890-7861-6	FS29A	Total/NA	Solid	8015NM Prep	
MB 880-106198/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106198/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106198/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7861-5 MS	FS28	Total/NA	Solid	8015NM Prep	
890-7861-5 MSD	FS28	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Total/NA	Solid	8015B NM	106150
890-7861-2	FS25	Total/NA	Solid	8015B NM	106150
890-7861-3	FS26	Total/NA	Solid	8015B NM	106150
890-7861-4	FS27A	Total/NA	Solid	8015B NM	106150
890-7861-5	FS28	Total/NA	Solid	8015B NM	106198
890-7861-6	FS29A	Total/NA	Solid	8015B NM	106198
MB 880-106150/1-A	Method Blank	Total/NA	Solid	8015B NM	106150
MB 880-106198/1-A	Method Blank	Total/NA	Solid	8015B NM	106198
LCS 880-106150/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106150
LCS 880-106198/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106198
LCSD 880-106150/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106150
LCSD 880-106198/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106198
890-7845-A-4-E MS	Matrix Spike	Total/NA	Solid	8015B NM	106150
890-7845-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106150
890-7861-5 MS	FS28	Total/NA	Solid	8015B NM	106198
890-7861-5 MSD	FS28	Total/NA	Solid	8015B NM	106198

Analysis Batch: 106523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Total/NA	Solid	8015 NM	
890-7861-2	FS25	Total/NA	Solid	8015 NM	
890-7861-3	FS26	Total/NA	Solid	8015 NM	
890-7861-4	FS27A	Total/NA	Solid	8015 NM	
890-7861-5	FS28	Total/NA	Solid	8015 NM	
890-7861-6	FS29A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 106443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Soluble	Solid	DI Leach	
890-7861-2	FS25	Soluble	Solid	DI Leach	
890-7861-3	FS26	Soluble	Solid	DI Leach	
890-7861-4	FS27A	Soluble	Solid	DI Leach	
890-7861-5	FS28	Soluble	Solid	DI Leach	
890-7861-6	FS29A	Soluble	Solid	DI Leach	
MB 880-106443/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106443/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106443/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7882-A-7-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7882-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

HPLC/IC

Analysis Batch: 106463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7861-1	FS24A	Soluble	Solid	300.0	106443
890-7861-2	FS25	Soluble	Solid	300.0	106443
890-7861-3	FS26	Soluble	Solid	300.0	106443
890-7861-4	FS27A	Soluble	Solid	300.0	106443
890-7861-5	FS28	Soluble	Solid	300.0	106443
890-7861-6	FS29A	Soluble	Solid	300.0	106443
MB 880-106443/1-A	Method Blank	Soluble	Solid	300.0	106443
LCS 880-106443/2-A	Lab Control Sample	Soluble	Solid	300.0	106443
LCSD 880-106443/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106443
890-7882-A-7-B MS	Matrix Spike	Soluble	Solid	300.0	106443
890-7882-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106443

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Client: Ensolum

Client Sample ID: FS24A

Lab Sample ID: 890-7861-1 Date Collected: 03/26/25 10:42

Matrix: Solid

Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106178	03/27/25 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106171	03/27/25 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106343	03/27/25 17:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106523	03/28/25 23:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106150	03/26/25 20:48	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106362	03/28/25 23:12	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106443	03/31/25 07:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106463	03/31/25 13:01	CH	EET MID

Client Sample ID: FS25 Lab Sample ID: 890-7861-2

Date Collected: 03/26/25 10:48 **Matrix: Solid** Date Received: 03/26/25 16:20

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.01 g 5 mL 106178 03/27/25 09:46 MNR EET MID Total/NA 8021B 5 mL 03/27/25 18:08 **EET MID** Analysis 1 5 mL 106171 MNR Total/NA Total BTEX 106343 03/27/25 18:08 Analysis A.I **EET MID** 1 Total/NA Analysis 8015 NM 106523 03/28/25 23:29 ΑJ **EET MID** Total/NA 9.95 g 106150 FC Prep 8015NM Prep 10 mL 03/26/25 20:48 EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 106362 03/28/25 23:29 TKC **EET MID** Soluble Leach DI Leach 5.02 g 50 mL 106443 03/31/25 07:55 SA **EET MID** Soluble Analysis 300.0 50 mL 50 mL 106463 03/31/25 13:07 СН **EET MID**

Client Sample ID: FS26 Lab Sample ID: 890-7861-3

Date Collected: 03/26/25 10:55 **Matrix: Solid** Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	106178	03/27/25 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106171	03/27/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106343	03/27/25 18:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106523	03/28/25 23:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106150	03/26/25 20:48	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106362	03/28/25 23:45	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106443	03/31/25 07:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106463	03/31/25 13:12	CH	EET MID

Lab Sample ID: 890-7861-4 **Client Sample ID: FS27A** Matrix: Solid Date Collected: 03/26/25 11:00

Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	106178	03/27/25 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106171	03/27/25 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106343	03/27/25 18:49	AJ	EET MID

Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Client: Ensolum

Client Sample ID: FS27A

Lab Sample ID: 890-7861-4

Matrix: Solid

Date Collected: 03/26/25 11:00 Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			106523	03/29/25 00:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.06 g	10 mL	106150	03/26/25 20:48	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106362	03/29/25 00:02	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	106443	03/31/25 07:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106463	03/31/25 13:18	CH	EET MID

Lab Sample ID: 890-7861-5

Matrix: Solid

Date Collected: 03/26/25 11:05 Date Received: 03/26/25 16:20

Client Sample ID: FS28

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106178	03/27/25 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106171	03/27/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106343	03/27/25 19:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106523	03/29/25 02:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106198	03/27/25 12:15	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106362	03/29/25 02:14	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	106443	03/31/25 07:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106463	03/31/25 13:24	CH	EET MID

Lab Sample ID: 890-7861-6

Matrix: Solid

Client Sample ID: FS29A Date Collected: 03/26/25 11:10 Date Received: 03/26/25 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	106178	03/27/25 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106171	03/27/25 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106343	03/27/25 19:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106523	03/29/25 03:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	106198	03/27/25 12:15	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106362	03/29/25 03:03	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	106443	03/31/25 07:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106463	03/31/25 13:29	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
,	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

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Method Summary

Client: Ensolum Job ID: 890-7861-1

Project/Site: FNR Mobley pit

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
Ol Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

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Sample Summary

Client: Ensolum Job ID:

Project/Site: FNR Mobley pit

Job l	ID:	890-7861-1
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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7861-1	FS24A	Solid	03/26/25 10:42	03/26/25 16:20	4
890-7861-2	FS25	Solid	03/26/25 10:48	03/26/25 16:20	4
890-7861-3	FS26	Solid	03/26/25 10:55	03/26/25 16:20	4
890-7861-4	FS27A	Solid	03/26/25 11:00	03/26/25 16:20	4
890-7861-5	FS28	Solid	03/26/25 11:05	03/26/25 16:20	4
890-7861-6	FS29A	Solid	03/26/25 11:10	03/26/25 16:20	4

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Revised Date: 08/25/2020 Rev. 2020.2

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

3/26/25 1620 Date/Time

Received by: (Signature)

Relinquished by: (Signature)

Carollis		Environment Testing	Housto	n, TX (281) 2	40-4200, Dal	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300	002-0300		Work			
		6	Midland,	IX (452) /U4-	5440, San An	TONIO, IA (210	J) 509-5554		NOW.			
	Xenco		EL Paso,	TX (915) 585	-3443, Lubbo	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296	794-1296					
			Hobbs,	NM (575) 392	2-7550, Carlsk	Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	988-3199		N/M	890-7861	890-7861 Chain of Gueta	
Project Manager:	JEPPMYREICH		Bill to: (if different)								de custody	
Company Name:	Ensolum, 110		Company Name:						Program: UST/PST	PRP	Brownfields ☐ RRC ☐	Superrunu
Address:	3122 National Parks HWY		Address:						State of Project:	- 1		
e ZIP:	(al) bad . NM 88 220		City, State ZIP:	and the second					Reporting: Level	Level III PS	PST/UST TRRP	Level IV
Phone:	432-246-0627		Email: Jeichlensofum.com/ofertellensolum.com	solum.	comla	Pettell	Gensolu		Deliverables: EDD	☐ ADaPT ☐	Other:	
Project Name:	FNR Mobiley P.+		Turn Around				ANALYS	ANALYSIS REQUEST	_		Preservative Codes	des
er:	0362384605	Routine	BRush 72-hC	Pres. Code	Cool Cool Cool	ia					None: NO DI	DI Water: H ₂ O
	32,296335,-103,93	3 4876 Due Date:	3/31/25					Ī			Cool: Cool	меОН: Ме
Sampler's Name:	Alex Femel		TAT starts the day received by									HNO 3: HN
PO #:		the lab, if rec	the lab, if received by 4:30pm	s						_	H₂S0 4: H₂ Nai	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	€ No Wet Ice:	% No	eters		5					H₃PO ₄: HP	
Samples Received Intact:	Çes No.	Thermometer ID:	Three	ufey		2		-			NaHSO 4: NABIS	
Cooler Custody Seals:	Yes No MA	Correction Factor:	10.7	ſвЧ		01					Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Temperature Reading:	7.2		+	10				2	Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:	10	<u>J</u> .	10	14					NaOH+Ascorbic Acid: SAPC	APC
			/des			1-						
Sample Identification	Matrix	Sampled Sampled		Cont Cont		7					Sample Comments	nts
F524A	× 5	Hayas loya	2 6	-	7							
G335	>	1048	7 4	<u> </u>	7							
1536	5	1055	7 6	>	1							
F527A	2	0011	7 4	>								
1,538	5	1105	7 4	1	1							
F529A	\$	1110	7	>	>							
						+						
				-								
Total 200.7 / 6010) 200.8 / 6020:	8RCRA 13PPM	M Texas 11 Al		Sb As Ba Be B	Cd Ca Cr Co		Pb Mg A	Cu Fe Pb Mg Mn Mo Ni K Se Ag	Se Ag SiO ₂ Na Sr Tl Sn U V Zn	T Sn U V Zn	
Circle Method(s) a	Circle Method(s) and Metal(s) to be analyzed	ed TCLP / SPLP	PLP 6010 : 8RCRA		Ba Be C	d Cr Co (Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni	Ao Ni Se	Se Ag TI U Hg:	Hg: 1631 / 245.1 / 7470	7470 / 7471	
Notice: Signature of this docu	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions have some funding the control of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control	onstitutes a valid purchase ord	er from client company t	o Eurofins Xen	co, its affiliates rred by the clie	and subcontra	ctors. It assigns sta	indard terms a	nd conditions d the control			
of Eurofins Xenco. A minimun	or service. Eutomis Activo Mill be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco.	ich project and a charge of \$5	for each sample submitte	ed to Eurofins	Kenco, but not	analyzed. Thes	e terms will be enfo	orced unless pr	eviously negotiated.			

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Chain of Custody

💸 eurofins

Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-7861-1

Login Number: 7861 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-7861-1

Login Number: 7861 List Source: Eurofins Midland
List Number: 2 List Creation: 03/27/25 10:48 AM

Creator: Vasquez, Julisa

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.	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	N/A	

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<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

Generated 3/31/2025 3:08:38 PM

JOB DESCRIPTION

FNR MOBLEY PIT 03C2284005

JOB NUMBER

890-7864-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 3/31/2025 3:08:38 PM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Page 2 of 27

3/31

Client: Ensolum
Project/Site: FNR MOBLEY PIT
Laboratory Job ID: 890-7864-1
SDG: 03C2284005

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	17
Lab Chronicle	20
Certification Summary	22
Method Summary	23
Sample Summary	24
Chain of Custody	25
Receipt Checklists	26

Definitions/Glossary

Client: Ensolum Job ID: 890-7864-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

4005

Qualifiers

GC VOA

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.
U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

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

Eurofins Carlsbad

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Case Narrative

Client: Ensolum Job ID: 890-7864-1

Project: FNR MOBLEY PIT

Eurofins Carlsbad Job ID: 890-7864-1

Job Narrative 890-7864-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/27/2025 10:08 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: FS23 (890-7864-1), FS24 (890-7864-2), FS27 (890-7864-3) and FS29 (890-7864-4).

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-106303 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The CCV before and after pass.

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

Diesel Range Organics

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-106290/2-A). Evidence of matrix interferences is not obvious.

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.

Lab Sample ID: 890-7864-1

Client Sample Results

Client: Ensolum Job ID: 890-7864-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS23

Date Collected: 03/24/25 11:08 Date Received: 03/27/25 10:08

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/27/25 20:00	03/27/25 22:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		03/27/25 20:00	03/27/25 22:38	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/27/25 20:00	03/27/25 22:38	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		03/27/25 20:00	03/27/25 22:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/27/25 20:00	03/27/25 22:38	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		03/27/25 20:00	03/27/25 22:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			03/27/25 20:00	03/27/25 22:38	1
1,4-Difluorobenzene (Surr)	89		70 - 130			03/27/25 20:00	03/27/25 22:38	1
- Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			03/27/25 22:38	1
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/25 22:05	1
Method: SW846 8015B NM - Die:	sel Range Orga	nics (DRO)	(GC)					
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	
Gasoline Range Organics	<49.8	U	49.8					Dil Fac
	10.0		43.0	mg/Kg		03/28/25 07:02	03/28/25 22:05	
(GRO)-C6-C10	10.0		43.0	mg/Kg				
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg mg/Kg		03/28/25 07:02	03/28/25 22:05	1
Diesel Range Organics (Over C10-C28)	<49.8		49.8	mg/Kg		03/28/25 07:02	03/28/25 22:05	1
Diesel Range Organics (Over								1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/28/25 07:02	03/28/25 22:05	1
Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.8 <49.8	U	49.8 49.8	mg/Kg		03/28/25 07:02 03/28/25 07:02	03/28/25 22:05	1 1 1 <i>Dil Fac</i>
Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.8 <49.8 <i>%Recovery</i>	U	49.8 49.8 Limits	mg/Kg		03/28/25 07:02 03/28/25 07:02 Prepared	03/28/25 22:05 03/28/25 22:05 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.8 <49.8 87	U Qualifier	49.8 49.8 Limits 70 - 130 70 - 130	mg/Kg		03/28/25 07:02 03/28/25 07:02 Prepared 03/28/25 07:02	03/28/25 22:05 03/28/25 22:05 Analyzed 03/28/25 22:05	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.8 <49.8 **Recovery 87 87 Chromatograp	U Qualifier	49.8 49.8 Limits 70 - 130 70 - 130	mg/Kg	<u>D</u>	03/28/25 07:02 03/28/25 07:02 Prepared 03/28/25 07:02	03/28/25 22:05 03/28/25 22:05 Analyzed 03/28/25 22:05	Dil Face Dil Face Dil Face Dil Face

Client Sample ID: FS24

Date Collected: 03/24/25 15:00 Date Received: 03/27/25 10:08

Date Received. 00/21/20 10:0

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 22:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 22:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 22:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/25 20:00	03/27/25 22:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 22:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/25 20:00	03/27/25 22:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			03/27/25 20:00	03/27/25 22:59	1

Eurofins Carlsbad

Lab Sample ID: 890-7864-2

2

3

5

7

10

12

13

fins Carlsba

Matrix: Solid

Lab Sample ID: 890-7864-2

Job ID: 890-7864-1

Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS24

Date Collected: 03/24/25 15:00 Date Received: 03/27/25 10:08

Sample Depth: 2

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

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93	70 - 130	03/27/25 20:00	03/27/25 22:59	1

Mathad: TAI	COD Total DTEV	Total DTCV	Calaulatian
Wethod: IAL	SOP Total BTEX	- IOIAI DIEA	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/27/25 22:59	1

Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7 L	U	49.7	mg/Kg			03/28/25 22:22	1

Method: SW846 8015B NM - Diesel Range Organics	(DRO)	(GC)	١
motified. Offerto College Ithin Biodol Rungo Organico	(5.10)	, , , , ,	,

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		03/28/25 07:02	03/28/25 22:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		03/28/25 07:02	03/28/25 22:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		03/28/25 07:02	03/28/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90	70 - 130	03/28/25 07:02	03/28/25 22:22	1
o-Terphenyl	87	70 - 130	03/28/25 07:02	03/28/25 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte		ualifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	879	9.98	mg/Kg			03/28/25 20:43	1

Client Sample ID: FS27 Lab Sample ID: 890-7864-3 Matrix: Solid

Date Collected: 03/24/25 15:24 Date Received: 03/27/25 10:08

Sample Depth: 2

ı	Method: SW846 8021B	Valatila Ossasia	O = (OO)

			,					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/28/25 08:59	03/28/25 12:29	1
Toluene	<0.00198	U	0.00198	mg/Kg		03/28/25 08:59	03/28/25 12:29	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/28/25 08:59	03/28/25 12:29	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		03/28/25 08:59	03/28/25 12:29	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/28/25 08:59	03/28/25 12:29	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		03/28/25 08:59	03/28/25 12:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			03/28/25 08:59	03/28/25 12:29	1
1 1 Diffusionabanzana (Curr)	06		70 120			02/20/25 00:50	02/20/25 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzea	DII Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/28/25 08:59	03/28/25 12:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/28/25 08:59	03/28/25 12:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00397	U	0.00397	ma/Ka			03/28/25 12:29	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/25 22:38	1

Lab Sample ID: 890-7864-3

03/28/25 20:50

Lab Sample ID: 890-7864-4

Matrix: Solid

Client Sample Results

Client: Ensolum Job ID: 890-7864-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS27

Date Collected: 03/24/25 15:24 Date Received: 03/27/25 10:08

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/28/25 07:02	03/28/25 22:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/28/25 07:02	03/28/25 22:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/28/25 07:02	03/28/25 22:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			03/28/25 07:02	03/28/25 22:38	1
o-Terphenyl	89		70 - 130			03/28/25 07:02	03/28/25 22:38	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Pocult	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

10.1

550

mg/Kg

Client Sample ID: FS29

Date Collected: 03/24/25 15:38

Date Received: 03/27/25 10:08

Sample Depth: 2

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/28/25 08:59	03/28/25 12:50	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/28/25 08:59	03/28/25 12:50	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/28/25 08:59	03/28/25 12:50	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		03/28/25 08:59	03/28/25 12:50	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/28/25 08:59	03/28/25 12:50	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		03/28/25 08:59	03/28/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			03/28/25 08:59	03/28/25 12:50	1
1,4-Difluorobenzene (Surr)	90		70 - 130			03/28/25 08:59	03/28/25 12:50	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			03/28/25 12:50	1
- - 	1 D 0	: (DDO) (20)					
Method: SW846 8015 NM - Diese	•	, , ,	•	IIiA		Downson	Austral	Dil 5
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	•	Qualifier	•	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/28/25 22:55	Dil Fac
Analyte		Qualifier U	RL 49.8		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	Result <49.8	Qualifier U	RL 49.8		<u>D</u>	Prepared Prepared		Dil Fac Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies	Result <49.8	Qualifier Unics (DRO) Qualifier	RL 49.8	mg/Kg			03/28/25 22:55	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.8 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	RL 49.8 (GC)	mg/Kg		Prepared	03/28/25 22:55 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result 49.8 sel Range Orga Result <49.8 49.8	Qualifier U nics (DRO) Qualifier U	RL 49.8 (GC) RL 49.8	mg/Kg Unit mg/Kg		Prepared 03/28/25 07:02	03/28/25 22:55 Analyzed 03/28/25 22:55	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 49.8 sel Range Orga Result <49.8 49.8	Qualifier U nics (DRO) Qualifier U	RL 49.8 (GC) RL 49.8	mg/Kg Unit mg/Kg		Prepared 03/28/25 07:02	03/28/25 22:55 Analyzed 03/28/25 22:55	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.8 sel Range Orga Result <49.8 <49.8	Qualifier U nics (DRO) Qualifier U U	RL 49.8 (GC) RL 49.8 49.8	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/28/25 07:02 03/28/25 07:02	03/28/25 22:55 Analyzed 03/28/25 22:55 03/28/25 22:55	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U nics (DRO) Qualifier U U	RL 49.8 (GC) RL 49.8 49.8 49.8	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/28/25 07:02 03/28/25 07:02 03/28/25 07:02	03/28/25 22:55 Analyzed 03/28/25 22:55 03/28/25 22:55 03/28/25 22:55	1 Dil Fac 1

Client Sample Results

Client: Ensolum Job ID: 890-7864-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS29 Lab Sample ID: 890-7864-4

Date Collected: 03/24/25 15:38 Matrix: Solid
Date Received: 03/27/25 10:08

Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Cl	hromatograp	hy - Soluble	9					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	517		10.1	mg/Kg			03/28/25 20:57	1

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Surrogate Summary

Client: Ensolum Job ID: 890-7864-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limit
		BFB1	DFBZ1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7848-A-1-A MS	Matrix Spike	130	102	
390-7848-A-1-B MSD	Matrix Spike Duplicate	103	89	
390-7864-1	FS23	105	89	
390-7864-2	FS24	100	93	
390-7864-3	FS27	103	96	
390-7864-3 MS	FS27	99	100	
390-7864-3 MSD	FS27	101	102	
390-7864-4	FS29	104	90	
CS 880-106182/1-A	Lab Control Sample	127	90	
CS 880-106304/1-A	Lab Control Sample	119	104	
CSD 880-106182/2-A	Lab Control Sample Dup	117	99	
CSD 880-106304/2-A	Lab Control Sample Dup	120	106	
MB 880-106182/5-A	Method Blank	93	89	
MB 880-106304/5-A	Method Blank	93	92	
Surrogate Legend				
BFB = 4-Bromofluorober	zene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7856-A-15-D MS	Matrix Spike	93	88	
890-7856-A-15-E MSD	Matrix Spike Duplicate	100	97	
890-7864-1	FS23	87	87	
890-7864-2	FS24	90	87	
890-7864-3	FS27	90	89	
890-7864-4	FS29	99	97	
LCS 880-106290/2-A	Lab Control Sample	135 S1+	126	
LCSD 880-106290/3-A	Lab Control Sample Dup	127	120	
MB 880-106290/1-A	Method Blank	99	98	

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Client: Ensolum Job ID: 890-7864-1 SDG: 03C2284005 Project/Site: FNR MOBLEY PIT

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106182/5-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106182

	IVID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/25 10:00	03/27/25 12:22	1

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/27/25 10:	00 03/27/25 12:22	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/27/25 10:	00 03/27/25 12:22	1

Lab Sample ID: LCS 880-106182/1-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106182

	Spike	LCS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09931		mg/Kg		99	70 - 130	
Toluene	0.100	0.09773		mg/Kg		98	70 - 130	
Ethylbenzene	0.100	0.1233		mg/Kg		123	70 - 130	
m-Xylene & p-Xylene	0.200	0.2374		mg/Kg		119	70 - 130	
o-Xylene	0.100	0.1137		mg/Kg		114	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	127	70 - 130
1,4-Difluorobenzene (Surr)	90	70 - 130

Lab Sample ID: LCSD 880-106182/2-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106182

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09850		mg/Kg		98	70 - 130	1	35	
Toluene	0.100	0.09297		mg/Kg		93	70 - 130	5	35	
Ethylbenzene	0.100	0.08745		mg/Kg		87	70 - 130	34	35	
m-Xylene & p-Xylene	0.200	0.1691		mg/Kg		85	70 - 130	34	35	
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130	8	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	117	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: 890-7848-A-1-A MS

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 106182

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.1014		mg/Kg		101	70 - 130	
Toluene	<0.00198	U	0.101	0.09517		mg/Kg		95	70 - 130	

Client: Ensolum

Job ID: 890-7864-1 Project/Site: FNR MOBLEY PIT

SDG: 03C2284005

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

Lab Sample ID: 890-7848-A-1-A MS

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106182

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	<0.00198	U	0.101	0.1180		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.201	0.2331		mg/Kg		116	70 - 130
o-Xylene	<0.00198	U	0.101	0.1122		mg/Kg		112	70 - 130
,						5 5			

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106182

Analysis Batch: 106175

Matrix: Solid

Lab Sample ID: 890-7848-A-1-B MSD

, and the second	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.100	0.09282		mg/Kg		93	70 - 130	9	35
Toluene	<0.00198	U	0.100	0.09157		mg/Kg		91	70 - 130	4	35
Ethylbenzene	<0.00198	U	0.100	0.08537		mg/Kg		85	70 - 130	32	35
m-Xylene & p-Xylene	<0.00397	U	0.200	0.1852		mg/Kg		92	70 - 130	23	35
o-Xylene	<0.00198	U	0.100	0.08887		mg/Kg		89	70 - 130	23	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-106304/5-A

Matrix: Solid

Analysis Batch: 106303

Cli	ent :	Samp	le II	D: N	let	hod	В	lanl	•
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Prep Type: Total/NA

Prep Batch: 106304

MB MB

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/28/25 08:59	03/28/25 12:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/28/25 08:59	03/28/25 12:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/28/25 08:59	03/28/25 12:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/28/25 08:59	03/28/25 12:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/28/25 08:59	03/28/25 12:07	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/28/25 08:59	03/28/25 12:07	1

MB MB

Surrogate	%Recovery Qua	alifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93	70 - 130	03/28/25 08:59	03/28/25 12:07	1
1,4-Difluorobenzene (Surr)	92	70 - 130	03/28/25 08:59	03/28/25 12:07	1

Lab Sample ID: LCS 880-106304/1-A

Matrix: Solid

Analysis Batch: 106303

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

Prep Batch: 106304

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	0.100	0.1023		mg/Kg		102	70 - 130
Toluene	0.100	0.09331		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.1005		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2058		mg/Kg		103	70 - 130

Project/Site: FNR MOBLEY PIT

Client: Ensolum

Job ID: 890-7864-1

Prep Batch: 106304

SDG: 03C2284005

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

Lab Sample ID: LCS 880-106304/1-A

Matrix: Solid

Analysis Batch: 106303

Prep Batch: 106304

Spike LCS LCS

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

Prep Batch: 106304

**Rec

Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits D 0.100 0.1010 101 70 - 130 o-Xylene mg/Kg

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 119
 70 - 130

 1,4-Difluorobenzene (Surr)
 104
 70 - 130

Lab Sample ID: LCSD 880-106304/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Matrix: Solid
Analysis Batch: 106303

Spike LCSD LCSD RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit D Benzene 0.100 0.1033 mg/Kg 103 70 - 130 35 Toluene 0.100 0.09253 mg/Kg 93 70 - 130 35 0.08864 Ethylbenzene 0.100 mg/Kg 89 70 - 130 12 35 m-Xylene & p-Xylene 0.200 0.1849 mg/Kg 92 70 - 130 11 35 0.100 0.09170 92 70 - 130 35 o-Xylene mg/Kg 10

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 120
 70 - 130

 1,4-Difluorobenzene (Surr)
 106
 70 - 130

Lab Sample ID: 890-7864-3 MS

Matrix: Solid

Client Sample ID: FS27

Prep Type: Total/NA

Analysis Batch: 106303 Prep Batch: 106304

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.09325		mg/Kg		93	70 - 130	
Toluene	<0.00198	U	0.101	0.08942		mg/Kg		89	70 - 130	
Ethylbenzene	<0.00198	U	0.101	0.08312		mg/Kg		83	70 - 130	
m-Xylene & p-Xylene	<0.00397	U	0.201	0.1695		mg/Kg		84	70 - 130	
o-Xylene	<0.00198	U	0.101	0.08092		mg/Kg		80	70 - 130	

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 99
 70 - 130

 1,4-Difluorobenzene (Surr)
 100
 70 - 130

Lab Sample ID: 890-7864-3 MSD Client Sample ID: FS27

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 106303 Prep Batch: 106304

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier %Rec Limit Added Result Qualifier Limits Analyte Unit RPD Benzene <0.00198 U 0.100 0.1005 mg/Kg 100 70 - 130 35 0.100 0.09262 70 - 130 Toluene <0.00198 U 92 35 mg/Kg Ethylbenzene <0.00198 U 0.100 0.08772 mg/Kg 88 70 - 130 35 m-Xylene & p-Xylene <0.00397 U 0.200 0.1779 mg/Kg 89 70 - 1305 35 o-Xylene <0.00198 U 0.100 0.08525 mg/Kg 85 70 - 130 35

Client: Ensolum

Job ID: 890-7864-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

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

Lab Sample ID: 890-7864-3 MSD **Matrix: Solid**

Analysis Batch: 106303

Client Sample ID: FS27 Prep Type: Total/NA

Prep Batch: 106304

MSD MSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 101 70 - 130 1,4-Difluorobenzene (Surr) 102 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-106290/1-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106290

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Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 03/28/25 07:02 03/28/25 12:49 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 03/28/25 07:02 03/28/25 12:49 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 03/28/25 07:02 03/28/25 12:49

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	03/28/25 07:02	03/28/25 12:49	1
o-Terphenyl	98		70 - 130	03/28/25 07:02	03/28/25 12:49	1

Lab Sample ID: LCS 880-106290/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 106360

Prep Type: Total/NA

Prep Batch: 106290

Spike LCS LCS %Rec Result Qualifier Analyte Added Unit D %Rec Limits Gasoline Range Organics 1000 914.5 mg/Kg 91 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1014 mg/Kg 101 70 - 130

C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 135 S1+ o-Terphenyl 126 70 - 130

Lab Sample ID: LCSD 880-106290/3-A

Matrix: Solid Analysis Batch: 106360

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106290

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 892.2 89 70 - 130 2 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 958.3 96 70 - 130 20 mg/Kg

C10-C28)

LCSD LCSD

Surrogate	%Recovery Quali	fier Limits
1-Chlorooctane	127	70 - 130
o-Terphenyl	120	70 - 130

Job ID: 890-7864-1 Project/Site: FNR MOBLEY PIT

SDG: 03C2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7856-A-15-D MS Client Sample ID: Matrix Spike **Matrix: Solid**

Prep Type: Total/NA **Prep Batch: 106290**

Sample Sample Spike MS MS Result Qualifier Analyte Added Result Qualifier D %Rec Limits Unit Gasoline Range Organics <50.0 U 995 729.7 mg/Kg 73 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 995 770 2 77 70 - 130mg/Kg

C10-C28)

Client: Ensolum

Analysis Batch: 106360

MS MS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 70 - 130 93 o-Terphenyl 88 70 - 130

Client Sample ID: Matrix Spike Duplicate

Lab Sample ID: 890-7856-A-15-E MSD **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 106360 **Prep Batch: 106290**

Spike MSD MSD %Rec RPD Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit 995 6 Gasoline Range Organics <50.0 U 772.8 mg/Kg 78 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 995 864.1 mg/Kg 87 70 - 130 11 20 C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 100 70 - 130 97 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106317/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 106369

MB MB

Result Qualifier Analyte RL Unit Prepared Analyzed Dil Fac Chloride <10.0 U 10.0 03/28/25 17:29 mg/Kg

Lab Sample ID: LCS 880-106317/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 106369

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits Chloride 250 254.5 102 90 - 110 mg/Kg

Lab Sample ID: LCSD 880-106317/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 106369

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier %Rec Limits RPD Limit Unit D Chloride 250 102 255.3 mg/Kg 90 _ 110 20

QC Sample Results

Client: Ensolum Job ID: 890-7864-1 SDG: 03C2284005 Project/Site: FNR MOBLEY PIT

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-56120-A-23-C MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 106369

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	220		250	474.1		mg/Kg		102	90 - 110	

Lab Sample ID: 880-56120-A-23-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Soluble

Analysis Batch: 106369

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Chloride 220 250 468.9 mg/Kg 100 90 - 110

QC Association Summary

Client: Ensolum Job ID: 890-7864-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

GC VOA

Analysis Batch: 106175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Total/NA	Solid	8021B	106182
890-7864-2	FS24	Total/NA	Solid	8021B	106182
MB 880-106182/5-A	Method Blank	Total/NA	Solid	8021B	106182
LCS 880-106182/1-A	Lab Control Sample	Total/NA	Solid	8021B	106182
LCSD 880-106182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106182
890-7848-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	106182
890-7848-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106182

Prep Batch: 106182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Total/NA	Solid	5035	
890-7864-2	FS24	Total/NA	Solid	5035	
MB 880-106182/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106182/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7848-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7848-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-3	FS27	Total/NA	Solid	8021B	106304
890-7864-4	FS29	Total/NA	Solid	8021B	106304
MB 880-106304/5-A	Method Blank	Total/NA	Solid	8021B	106304
LCS 880-106304/1-A	Lab Control Sample	Total/NA	Solid	8021B	106304
LCSD 880-106304/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106304
890-7864-3 MS	FS27	Total/NA	Solid	8021B	106304
890-7864-3 MSD	FS27	Total/NA	Solid	8021B	106304

Prep Batch: 106304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-3	FS27	Total/NA	Solid	5035	<u> </u>
890-7864-4	FS29	Total/NA	Solid	5035	
MB 880-106304/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106304/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106304/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7864-3 MS	FS27	Total/NA	Solid	5035	
890-7864-3 MSD	FS27	Total/NA	Solid	5035	

Analysis Batch: 106346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Total/NA	Solid	Total BTEX	
890-7864-2	FS24	Total/NA	Solid	Total BTEX	
890-7864-3	FS27	Total/NA	Solid	Total BTEX	
890-7864-4	FS29	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Total/NA	Solid	8015NM Prep	
890-7864-2	FS24	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ensolum Job ID: 890-7864-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

GC Semi VOA (Continued)

Prep Batch: 106290 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-3	FS27	Total/NA	Solid	8015NM Prep	
890-7864-4	FS29	Total/NA	Solid	8015NM Prep	
MB 880-106290/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106290/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7856-A-15-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7856-A-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Total/NA	Solid	8015B NM	106290
890-7864-2	FS24	Total/NA	Solid	8015B NM	106290
890-7864-3	FS27	Total/NA	Solid	8015B NM	106290
890-7864-4	FS29	Total/NA	Solid	8015B NM	106290
MB 880-106290/1-A	Method Blank	Total/NA	Solid	8015B NM	106290
LCS 880-106290/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106290
LCSD 880-106290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106290
890-7856-A-15-D MS	Matrix Spike	Total/NA	Solid	8015B NM	106290
890-7856-A-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106290

Analysis Batch: 106515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Total/NA	Solid	8015 NM	
890-7864-2	FS24	Total/NA	Solid	8015 NM	
890-7864-3	FS27	Total/NA	Solid	8015 NM	
890-7864-4	FS29	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 106317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Soluble	Solid	DI Leach	_ ··
890-7864-2	FS24	Soluble	Solid	DI Leach	
890-7864-3	FS27	Soluble	Solid	DI Leach	
890-7864-4	FS29	Soluble	Solid	DI Leach	
MB 880-106317/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106317/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106317/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56120-A-23-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56120-A-23-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 106369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7864-1	FS23	Soluble	Solid	300.0	106317
890-7864-2	FS24	Soluble	Solid	300.0	106317
890-7864-3	FS27	Soluble	Solid	300.0	106317
890-7864-4	FS29	Soluble	Solid	300.0	106317
MB 880-106317/1-A	Method Blank	Soluble	Solid	300.0	106317
LCS 880-106317/2-A	Lab Control Sample	Soluble	Solid	300.0	106317
LCSD 880-106317/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106317
880-56120-A-23-C MS	Matrix Spike	Soluble	Solid	300.0	106317

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Page 18 of 27

QC Association Summary

Client: Ensolum Job ID: 890-7864-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

HPLC/IC (Continued)

Analysis Batch: 106369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56120-A-23-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106317

Job ID: 890-7864-1 SDG: 03C2284005

Client: Ensolum Project/Site: FNR MOBLEY PIT

Lab Sample ID: 890-7864-1

Client Sample ID: FS23

Date Collected: 03/24/25 11:08 Date Received: 03/27/25 10:08 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	106182	03/27/25 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106175	03/27/25 22:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106346	03/27/25 22:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106515	03/28/25 22:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 22:05	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	106317	03/28/25 10:08	SMC	EET MID
Soluble	Analysis	300.0		1			106369	03/28/25 20:36	CH	EET MID

Lab Sample ID: 890-7864-2

Matrix: Solid

Date Collected: 03/24/25 15:00 Date Received: 03/27/25 10:08

Client Sample ID: FS24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106182	03/27/25 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106175	03/27/25 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106346	03/27/25 22:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106515	03/28/25 22:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 22:22	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	106317	03/28/25 10:08	SMC	EET MID
Soluble	Analysis	300.0		1			106369	03/28/25 20:43	CH	EET MID

Client Sample ID: FS27	Lab Sample ID: 890-7864-3
Date Collected: 03/24/25 15:24	Matrix: Solid
Date Received: 03/27/25 10:08	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	106304	03/28/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106303	03/28/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106346	03/28/25 12:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106515	03/28/25 22:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 22:38	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	106317	03/28/25 10:08	SMC	EET MID
Soluble	Analysis	300.0		1			106369	03/28/25 20:50	CH	EET MID

Client Sample ID: FS29

Date Collected: 03/24/25 15:38 Date Received: 03/27/25 10:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	106304	03/28/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106303	03/28/25 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106346	03/28/25 12:50	AJ	EET MID

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Lab Sample ID: 890-7864-4

Matrix: Solid

Lab Chronicle

Client: Ensolum
Project/Site: FNR MOBLEY PIT
SDG: 03C2284005

Client Sample ID: FS29

Lab Sample ID: 890-7864-4

Matrix: Solid

Date Collected: 03/24/25 15:38 Date Received: 03/27/25 10:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			106515	03/28/25 22:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 22:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	106317	03/28/25 10:08	SMC	EET MID
Soluble	Analysis	300.0		1			106369	03/28/25 20:57	CH	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Ensolum
Project/Site: FNR MOBLEY PIT
SDG: 03C2284005

Laboratory: Eurofins Midland

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

Authority	Progr	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
0 ,	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Ensolum Project/Site: FNR MOBLEY PIT Job ID: 890-7864-1

SDG: 03C

C2284005	

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum

Project/Site: FNR MOBLEY PIT

Job ID: 890-7864-1

SDG: 03C2284005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7864-1	FS23	Solid	03/24/25 11:08	03/27/25 10:08	2
890-7864-2	FS24	Solid	03/24/25 15:00	03/27/25 10:08	2
890-7864-3	FS27	Solid	03/24/25 15:24	03/27/25 10:08	2
890-7864-4	FS29	Solid	03/24/25 15:38	03/27/25 10:08	2

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Revised Date: 08/25/2020 Rev. 2020.2

Released to Imaging: 8/6/2025 1:35:55 PM

eurofins 🔆

Xenco

Environment Testing

Project Manager:

Jeremy Reich

Company Name:

Ensolum, LLC

Company Name: Bill to: (if different)

State of Project:

Deliverables: EDD

ADaPT

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

잌

City, State ZIP:

Carlsbad, NM 88220 3122 National Parks Hwy

432-296-0627

Email: | jreich@ensolum.com City, State ZIP:

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

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Custody	890-78		
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Chair of Custody			
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oject Name:	FNK Mobiey Pit	ey Pit		Turn Around	ound					-	≥	ANALYSIS	SIC K	FUUESI			1			Ī,	reser	vative	reservative codes	1
oject Number:	03C2284005	4005	☐ Routine		✓ Rush	Code		_		_			_				_			None: NO	O	₽	DI Water: H ₂ O	
oject Location: 3	32.296335, -103.924876	03.924876	Due Date:	Date:	72-hrs								_							Cool: Cool	C <u>00</u>	<u> </u>	MeOH: Me	
mpler's Name:	Alex Ferrell	rrell	TATs	tarts the da	TAT starts the day received by	V			\downarrow	-							Н			нсі: нс	동	프	HNO3: HN	
)#:			the la	b, if receive	the lab, if received by 4:30pm												-			H ₂ S0 ₄ : H ₂	:H ₂	Z.	NaOH: Na	
AMPLE RECEIPT	Temp Blank:	c (Yes) No	No Wet Ice:		Yes No	nete														H ₃ PO ₄ : HP	‡. HP			
mples Received Intact:	∕Yeş No		Thermometer ID:	7	thusers	ran			_											NaHS	NaHSO ₄ : NABIS	BIS		
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tal Containers:		Correct	Corrected Temperature:	٠,٢	U, 0		es		4	_			-							NaOH	l+Ascor	bic Aci	NaOH+Ascorbic Acid: SAPC	0.5
Sample Identification		Matrix Date Sampled	S		Depth Grab/	# of p Cont	Chloride	TPH	BTEX												Sample	e Com	Sample Comments	Dani
FS23		3/24/2025		1108 2'	Comp	p 1	×	×	×															
FS24		3/24/2025		1500 2'	Comp	р 1	×	×	×															
FS27		3/24/2025		1524 2'	Comp	р 1	×	×	×							-								
FS29		3/24/2025	Г	1538 2'	Comp	р 1	×	×	×				-											l.
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Total 200.7 / 6010 200.8 / 6020: cle Method(s) and Metal(s) to be analyzed	200.8 / 6020: tal(s) to be an	: nalyzed	8RCRA TCI	8RCRA 13PPM TCLP / SPLP	RA 13PPM Texas 11 AISb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo NiTCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U	1 AI S	Sb As Sb As	Ba Be Ba E	e B C	B Cd Ca	Cr C	Cr Co Cu Fe o Cu Pb Mn I	Fe Pt	Ni Si	Mn M		X Se	Hg:	1631	Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn Io Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	Π Sn /7470	U V ;	2n	
ice. Signature of this document and relinquishment of samples constitutes a valid-purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions ervice. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control curofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	nt and relinquishr e liable only for th harge of \$85.00 w	nent of sample e cost of samp ill be applied to	es constitutes ples and shall o each project	a valid pure not assume and a char	hase order from any responsion of \$5 for each	om client c bility for a ch sample	ompany ny losses submitte	to Eurofi or expe	ns Xenc nses inc ofins Xe	o, its aff urred by nco, but	Illates al y the clie not ana	nd subcont if suc	ntractor h losses nese term	s. It ass are due ns will bo	igns sta to circu e enforc	ndard to mstance ed unles	erms an es beyor ss previo	d condit nd the co ously ne	ions ontrol gotiated					
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Login Sample Receipt Checklist

 Client: Ensolum
 Job Number: 890-7864-1

 SDG Number: 03C2284005

Login Number: 7864 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-7864-1

SDG Number: 03C2284005

Login Number: 7864 **List Source: Eurofins Midland** List Number: 2 List Creation: 03/28/25 08:03 AM

Creator: Rios, Minerva

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.	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	N/A	

Eurofins Carlsbad

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

Generated 3/28/2025 3:18:38 PM

JOB DESCRIPTION

FNR MOBLEY PIT 03C2284005

JOB NUMBER

890-7867-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 3/28/2025 3:18:38 PM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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Client: Ensolum
Project/Site: FNR MOBLEY PIT
Laboratory Job ID: 890-7867-1
SDG: 03C2284005

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Method Summary	17
Sample Summary	18
Chain of Custody	19
Receipt Checklists	20

1

2

3

4

6

8

10

13

14

Definitions/Glossary

Job ID: 890-7867-1 Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Qualifiers

GC VOA Qualifier

F1 MS and/or MSD recovery exceeds control limits.

Qualifier Description

F2 MS/MSD RPD exceeds control limits

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

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 Contains No Free Liquid **CNF**

Duplicate Error Ratio (normalized absolute difference) DER

Dil Fac Dilution Factor

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) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL ML Minimum Level (Dioxin) MPN Most Probable Number MOI Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present **Practical Quantitation Limit PQL**

PRES Presumptive **Quality Control** QC

Relative Error Ratio (Radiochemistry) **RER**

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-7867-1

Project: FNR MOBLEY PIT

Eurofins Carlsbad Job ID: 890-7867-1

Job Narrative 890-7867-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/27/2025 8:12 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

Receipt Exceptions

The following samples analyzed for method were received and analyzed from an unpreserved bulk soil jar: FS21 (890-7867-1) and SW20 (890-7867-2).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106273 and analytical batch 880-106237 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FS21 (890-7867-1), SW20 (890-7867-2), (LCS 880-106261/2-A), (LCSD 880-106261/3-A), (890-7868-A-41-B MS) and (890-7868-A-41-C MSD). Evidence of matrix interferences is not obvious.

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.

Lab Sample ID: 890-7867-1

Client: Ensolum Job ID: 890-7867-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS21

Date Collected: 03/26/25 12:08 Date Received: 03/27/25 08:12

Sample Depth: 4.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/27/25 22:10	03/28/25 07:10	
Toluene	<0.00198	U	0.00198	mg/Kg		03/27/25 22:10	03/28/25 07:10	•
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/27/25 22:10	03/28/25 07:10	•
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		03/27/25 22:10	03/28/25 07:10	
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/27/25 22:10	03/28/25 07:10	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		03/27/25 22:10	03/28/25 07:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			03/27/25 22:10	03/28/25 07:10	1
1,4-Difluorobenzene (Surr)	92		70 - 130			03/27/25 22:10	03/28/25 07:10	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	ulation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			03/28/25 07:10	1
- Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5	mg/Kg			03/28/25 02:47	

Method: SW846 8015B NM - Dies	sel Range Orga	anics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5	mg/Kg		03/27/25 17:14	03/28/25 02:47	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5	mg/Kg		03/27/25 17:14	03/28/25 02:47	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5	mg/Kg		03/27/25 17:14	03/28/25 02:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130			03/27/25 17:14	03/28/25 02:47	1
o-Terphenvl	161	S1+	70 - 130			03/27/25 17:14	03/28/25 02:47	1

Method: EPA 300.0 - Anions, Ion C	Chromatography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	749	50.1	mg/Kg			03/28/25 10:51	5

Client Sample ID: SW20

Date Collected: 03/26/25 12:22 Date Received: 03/27/25 08:12

Sample Depth: 0-4.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/25 22:10	03/28/25 07:31	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/25 22:10	03/28/25 07:31	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/25 22:10	03/28/25 07:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/25 22:10	03/28/25 07:31	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/25 22:10	03/28/25 07:31	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/25 22:10	03/28/25 07:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			03/27/25 22:10	03/28/25 07:31	1

Eurofins Carlsbad

Lab Sample ID: 890-7867-2

Matrix: Solid

Dil Fac

Analyzed

03/28/25 03:02

03/27/25 17:14 03/28/25 03:02

Client Sample Results

Client: Ensolum
Project/Site: FNR MOBLEY PIT
SDG: 03C2284005

Client Sample ID: SW20

Lab Sample ID: 890-7867-2

Date Collected: 03/26/25 12:22 Date Received: 03/27/25 08:12 Sample Depth: 0-4.5

Analyte

Total TPH

o-Terphenyl

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94	70 - 130	03/27/25 22:10	03/28/25 07:31	1

RL

Unit

mg/Kg

Prepared

							
Total BTEX	<0.00398 U	0.00398	mg/Kg			03/28/25 07:31	1
Mathada OWO 4C CO4E NM Disast D	Oi (DBO) (O	201					
Method: SW846 8015 NM - Diesel R	ange Organics (DRO) (G	iC)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

49.9

Result Qualifier

<49.9 U

171 S1+

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/25 17:14	03/28/25 03:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/27/25 17:14	03/28/25 03:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/25 17:14	03/28/25 03:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	162	S1+	70 - 130			03/27/25 17:14	03/28/25 03:02	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	815	50.2	mg/Kg			03/28/25 10:59	5

70 - 130

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Ensolum Job ID: 890-7867-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limit
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7867-1	FS21	106	92	
390-7867-2	SW20	100	94	
890-7868-A-41-D MS	Matrix Spike	148 S1+	119	
890-7868-A-41-E MSD	Matrix Spike Duplicate	107	104	
LCS 880-106273/1-A	Lab Control Sample	93	108	
LCSD 880-106273/2-A	Lab Control Sample Dup	95	98	
MB 880-106273/5-A	Method Blank	93	75	
Surrogate Legend				

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

=			
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-7867-1	FS21	147 S1+	161 S1+
890-7867-2	SW20	162 S1+	171 S1+
890-7868-A-41-B MS	Matrix Spike	123	138 S1+
890-7868-A-41-C MSD	Matrix Spike Duplicate	125	140 S1+
LCS 880-106261/2-A	Lab Control Sample	119	137 S1+
LCSD 880-106261/3-A	Lab Control Sample Dup	120	138 S1+
MB 880-106261/1-A	Method Blank	111	115

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Ensolum

Job ID: 890-7867-1

SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106273/5-A **Matrix: Solid**

Lab Sample ID: LCS 880-106273/1-A

Matrix: Solid

Analysis Batch: 106237

Analysis Batch: 106237

Project/Site: FNR MOBLEY PIT

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106273

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/25 22:10	03/27/25 23:46	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/27/25 22:10	03/27/25 23:46	1
1,4-Difluorobenzene (Surr)	75		70 - 130	03/27/25 22:10	03/27/25 23:46	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106273

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1200 mg/Kg 120 70 - 130 Toluene 0.100 0.1083 mg/Kg 108 70 - 130 0.100 Ethylbenzene 0.1108 mg/Kg 111 70 - 130 0.200 105 70 - 130 m-Xylene & p-Xylene 0.2094 mg/Kg 0.100 0.1000 70 - 130 o-Xylene mg/Kg 100

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 106237

Lab Sample ID: LCSD 880-106273/2-A

Prep Type: Total/NA Prep Batch: 106273

	Бріке	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1060		mg/Kg		106	70 - 130	12	35	
Toluene	0.100	0.1087		mg/Kg		109	70 - 130	0	35	
Ethylbenzene	0.100	0.1120		mg/Kg		112	70 - 130	1	35	
m-Xylene & p-Xylene	0.200	0.2154		mg/Kg		108	70 - 130	3	35	
o-Xylene	0.100	0.1025		mg/Kg		103	70 - 130	2	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	95	70 - 130
1,4-Difluorobenzene (Surr)	98	70 - 130

Lab Sample ID: 890-7868-A-41-D MS

Matrix: Solid

Analysis Batch: 106237

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106273

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.07889		mg/Kg		78	70 - 130	
Toluene	<0.00198	U	0.101	0.08870		mg/Kg		88	70 - 130	

QC Sample Results

Job ID: 890-7867-1 Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

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

Lab Sample ID: 890-7868-A-41-D MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 106237 **Prep Batch: 106273** MS MS Sample Sample Snike

	Janipie	Janipie	Opike	IVIO	INIO				/01 \C C	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00198	U	0.101	0.1200		mg/Kg		119	70 - 130	
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.201	0.3166	F1	mg/Kg		157	70 - 130	
o-Xylene	<0.00198	U	0.101	0.1010		mg/Kg		100	70 - 130	

MS MS Qualifier Limits Surrogate %Recovery 4-Bromofluorobenzene (Surr) 148 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 70 - 130 119

Lab Sample ID: 890-7868-A-41-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA **Prep Batch: 106273** Analysis Batch: 106237

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier %Rec RPD Limit babbA Result Qualifier Limits Analyte Unit Benzene <0.00198 U 0.100 0.08632 mg/Kg 86 70 - 130 9 35 Toluene <0.00198 U 0.100 0.09100 mg/Kg 91 70 - 130 3 35 <0.00198 U 0.100 0.1055 105 70 - 130 35 Ethylbenzene mg/Kg 13 m-Xylene & p-Xylene <0.00397 U F2 F1 0.200 0.2139 F2 mq/Kq 107 70 - 130 39 35 0.100 0.09031 70 - 130 o-Xylene <0.00198 U mg/Kg 90 11 35

MSD MSD Qualifier Limits Surrogate %Recovery 4-Bromofluorobenzene (Surr) 107 70 - 130 1,4-Difluorobenzene (Surr) 104 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-106261/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA **Prep Batch: 106261**

Analysis Batch: 106259 мв мв

Result Qualifier RL Unit D Dil Fac Analyte Prepared Analyzed 03/27/25 17:14 <50.0 U 50.0 03/27/25 12:43 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 03/27/25 17:14 03/27/25 12:43 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 03/27/25 17:14 03/27/25 12:43 mg/Kg

MB MB %Recovery Qualifier Limits Prepared Dil Fac Surrogate Analyzed 1-Chlorooctane 111 70 - 130 03/27/25 17:14 03/27/25 12:43 115 70 - 130 03/27/25 17:14 03/27/25 12:43 o-Terphenyl

Lab Sample ID: LCS 880-106261/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA Analysis Batch: 106259 **Prep Batch: 106261**

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits 1000 104 1039 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1205 mg/Kg 120 70 - 130 C10-C28)

Job ID: 890-7867-1 Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-106261/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid Prep Type: Total/NA Analysis Batch: 106259 **Prep Batch: 106261**

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 119 70 - 130 o-Terphenyl 137 S1+ 70 - 130

Lab Sample ID: LCSD 880-106261/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 106259 **Prep Batch: 106261**

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit

1000 1057 106 70 - 1302 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1226 123 mg/Kg 70 - 1302 20 C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 120 138 S1+ 70 - 130 o-Terphenyl

Lab Sample ID: 890-7868-A-41-B MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 106259 **Prep Batch: 106261** MS MS

Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics <49.8 U 1000 739.9 mg/Kg 74 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.8 U 1000 1015 mg/Kg 98 70 - 130

C10-C28)

70 - 130

MS MS %Recovery Qualifier Surrogate Limits 70 - 130

123

138 S1+

Lab Sample ID: 890-7868-A-41-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA Analysis Batch: 106259 Prep Batch: 106261

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit U 1000 772.4 Gasoline Range Organics <49.8 77 70 - 130 20 mg/Kg (GRO)-C6-C10

Diesel Range Organics (Over <49.8 U 1000 1026 mg/Kg 99 70 - 130 20 C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 125 70 - 130 140 S1+ 70 - 130 o-Terphenyl

Eurofins Carlsbad

1-Chlorooctane

o-Terphenyl

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

QC Sample Results

Client: Ensolum Job ID: 890-7867-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106293/1-A

Matrix: Solid

Analysis Batch: 106323

MB MB

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Chloride <10.0 U 10.0 mg/Kg 03/28/25 05:21

Lab Sample ID: LCS 880-106293/2-A

Matrix: Solid

Analysis Batch: 106323

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 259.2 mg/Kg 104 90 - 110

Lab Sample ID: LCSD 880-106293/3-A

Matrix: Solid

Analysis Batch: 106323

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 260.6 mg/Kg 104 90 - 110

Lab Sample ID: 890-7865-A-1-D MS

Matrix: Solid

Analysis Batch: 106323

MS MS Sample Sample Spike %Rec Analyte Qualifier Added Result Result Qualifier Unit %Rec Limits Chloride 2090 2500 4688 104 90 - 110 mg/Kg

Lab Sample ID: 890-7865-A-1-E MSD

Matrix: Solid

Analysis Batch: 106323

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 2500 Chloride 2090 4708 mg/Kg 105 90 - 110 0 20

Client: Ensolum Job ID: 890-7867-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

GC VOA

Analysis Batch: 106237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Total/NA	Solid	8021B	106273
890-7867-2	SW20	Total/NA	Solid	8021B	106273
MB 880-106273/5-A	Method Blank	Total/NA	Solid	8021B	106273
LCS 880-106273/1-A	Lab Control Sample	Total/NA	Solid	8021B	106273
LCSD 880-106273/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106273
890-7868-A-41-D MS	Matrix Spike	Total/NA	Solid	8021B	106273
890-7868-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106273

Prep Batch: 106273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Total/NA	Solid	5035	
890-7867-2	SW20	Total/NA	Solid	5035	
MB 880-106273/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106273/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106273/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7868-A-41-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7868-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Total/NA	Solid	Total BTEX	
890-7867-2	SW20	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 106259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Total/NA	Solid	8015B NM	106261
890-7867-2	SW20	Total/NA	Solid	8015B NM	106261
MB 880-106261/1-A	Method Blank	Total/NA	Solid	8015B NM	106261
LCS 880-106261/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106261
LCSD 880-106261/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106261
890-7868-A-41-B MS	Matrix Spike	Total/NA	Solid	8015B NM	106261
890-7868-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106261

Prep Batch: 106261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Total/NA	Solid	8015NM Prep	
890-7867-2	SW20	Total/NA	Solid	8015NM Prep	
MB 880-106261/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106261/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106261/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7868-A-41-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7868-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Total/NA	Solid	8015 NM	
890-7867-2	SW20	Total/NA	Solid	8015 NM	

Client: Ensolum Job ID: 890-7867-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

HPLC/IC

Leach Batch: 106293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Soluble	Solid	DI Leach	
890-7867-2	SW20	Soluble	Solid	DI Leach	
MB 880-106293/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106293/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106293/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7865-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7865-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 106323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7867-1	FS21	Soluble	Solid	300.0	106293
890-7867-2	SW20	Soluble	Solid	300.0	106293
MB 880-106293/1-A	Method Blank	Soluble	Solid	300.0	106293
LCS 880-106293/2-A	Lab Control Sample	Soluble	Solid	300.0	106293
LCSD 880-106293/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106293
890-7865-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	106293
890-7865-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106293

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Job ID: 890-7867-1

Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS21 Lab Sample ID: 890-7867-1

Date Collected: 03/26/25 12:08 Matrix: Solid Date Received: 03/27/25 08:12

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	106273	03/27/25 22:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106237	03/28/25 07:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106340	03/28/25 07:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106333	03/28/25 02:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	106261	03/27/25 17:14	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106259	03/28/25 02:47	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106293	03/27/25 18:45	SA	EET MID
Soluble	Analysis	300.0		5			106323	03/28/25 10:51	CH	EET MID

Client Sample ID: SW20 Lab Sample ID: 890-7867-2

Date Collected: 03/26/25 12:22 Matrix: Solid Date Received: 03/27/25 08:12

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106273	03/27/25 22:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106237	03/28/25 07:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106340	03/28/25 07:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106333	03/28/25 03:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106261	03/27/25 17:14	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106259	03/28/25 03:02	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106293	03/27/25 18:45	SA	EET MID
Soluble	Analysis	300.0		5			106323	03/28/25 10:59	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: FNR MOBLEY PIT
SDG: 03C2284005

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date 06-30-25	
Texas	NELA	Р	T104704400		
,	are included in this report, bu	it the laboratory is not certi	fied by the governing authority. This lis	t may include analytes	
Analysis Method	Prep Method	Matrix	Analyte		
8015 NM		Solid	Total TPH		
Total BTEX		Solid	Total BTEX		

Method Summary

Client: Ensolum

Project/Site: FNR MOBLEY PIT

Job ID: 890-7867-1

SDG: 03C2284005

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
Ol Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum

Project/Site: FNR MOBLEY PIT

Job ID: 890-7867-1

SDG: 03C2284005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Dept
890-7867-1	FS21	Solid	03/26/25 12:08	03/27/25 08:12	4.5
890-7867-2	SW20	Solid	03/26/25 12:22	03/27/25 08:12	0-4.5

eurofins 🔅

Phone:

432-296-0627 Carlsbad, NM 88220 3122 National Parks Hwy

Email: jreich@ensolum.com

Address: City, State ZIP:

Company Name: Bill to: (if different)

City, State ZIP:

\ddress:

Company Name:

Ensolum, LLC Jeremy Reich

Project Manager:

Project Name:

FNR Mobley Pit 03C2284005

Turn Around

ANALYSIS REQUEST

Deliverables: EDD

Reporting: Level II Level III PST/UST TRRP

Level IV

ADaPT 🗆

Preservative Codes

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

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State of Project:

Xenco **Environment Testing**

Chain of Custo

Houston, TX (281) 240-4200, Dallas, TX (2 Midland, TX (432) 704-5440, San Antonio, TX EL Paso, TX (915) 585-3443, Lubbock, TX Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

	(806) /94-1296 (676) 088 3100
ody 214) 902-0300	(210) 509-3334
	214) 902-0300

	Revised Date: 08/25/2020 Rev. 2020.2	Revised													
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					2	127	1	8 12			1	retu	d		John John
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		losses are due to circumstances beyond the control se terms will be enforced unless previously negotiated.	circumstances nforced unless	of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$8.500 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	incurred by the Xenco, but not	expenses o Eurofins	losses or ubmitted t	ity for any sample s	responsibili \$5 for each	sume any charge of	nd shall not as project and a	t of samples ar applied to each	e only for the cose of \$85.00 will be	co will be liab nimum charge	of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such of Eurofins Xenco. A minimum charge of \$8.500 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. The
		ms and conditions	s standard terr	Notice: Signature of this document and relinguishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	enco, its affiliate	urofins Xe	npany to t	client cor	order-from	d purchase	stitutes a vali	of samples con	d relinguishment o	document an	Notice: Signature of this
) /7471	Hg: 1631 / 245.1 / 7470 / 7471	Ag TI U	Cu Pb Mn Mo Ni Se Ag TI U	ICLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn	3a Be (b As E	CRA S	010: 8R0	SPLP 6	TCLP /	ed	s) to be analyz	ind Metal(s	Circle Method(s) and Metal(s) to be analyzed
	TI V Zn	Se Ag SiO ₂ Na Sr Ti Sn-J	n Mo Ni K	Co Cu Fe Pb Mg Mn Mo Ni K Se Ag	Cd Ca Cr	Be B	Al Sb As Ba	Al St	Texas 11	13PPM T	8RCRA 1	8	200.8 / 6020:		Total 200.7 / 6010
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						×	×		Comp	4.5	1208	3/25/2025		21	FS21
	Sample Comments	Sample				втех	Chloric	# of	Grab/ Comp	Depth	Time Sampled	Date Sampled	Matrix	ntification	Sample Identification
ո 1	NaOH+Ascorbic Acid: SAPC	NaOH+Ascor					des		C	u.o	emperature	Corrected Temperature:			Total Containers:
	VaOH: Zn	Zn Acetate+NaOH: Zn					H		2	1,2	Reading:	Temperature Reading:	8 0	als: Yes	Sample Custody Seals:
	SO ₃	Na ₂ S ₂ O ₃ : NaSO ₃						Pa	2	-0.2	actor:	Correction Factor:	No (N)A	ls: Yes	Cooler Custody Seals:
	BIS	NaHSO₄: NABIS						aran	63	Crown L	r ID:	Thermometer ID:	es N		Samples Received Intact:
		H₃PO₄: HP						nete	No	Ces	Wet Ice:	(Yes No	Temp Blank:		SAMPLE RECEIPT
	NaOH: Na	H ₂ S0 ₄ : H ₂					_	rs	4:30pm	eceived by	the lab, if received by 4:30pm				PO#:
	HNO3: HN	HCI: HC							ceived by	he day red	TAT starts the day received by		Alex Ferrell		Sampler's Name:
	MeOH: Me	Cool: Cool							24-hrs	24	Due Date:		32.296335, -103.924876	32.2	Project Location:
	DI Water: H ₂ O	None: NO				<u></u>		Code		☑ Rush	☐ Routine		03C2284005		Project Number:
														-	

Login Sample Receipt Checklist

 Client: Ensolum
 Job Number: 890-7867-1

 SDG Number: 03C2284005

Login Number: 7867 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-7867-1 SDG Number: 03C2284005

Login Number: 7867 **List Source: Eurofins Midland** List Number: 2 List Creation: 03/28/25 06:44 AM

Creator: Laing, Edmundo

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.	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	N/A	

<6mm (1/4").

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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

Generated 4/1/2025 11:39:40 AM

JOB DESCRIPTION

FNR MOBLEY PIT 03C2284005

JOB NUMBER

890-7866-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Released to Imaging: 8/6/2025 1:35:55 PM

Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 4/1/2025 11:39:40 AM

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

Client: Ensolum
Project/Site: FNR MOBLEY PIT
Laboratory Job ID: 890-7866-1
SDG: 03C2284005

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	17
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

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Definitions/Glossary

Job ID: 890-7866-1 Client: Ensolum Project/Site: FNR MOBLEY PIT

SDG: 03C2284005

Qualifiers

GC VOA Qualifier

F1 MS and/or MSD recovery exceeds control limits.

Qualifier Description

F2 MS/MSD RPD exceeds control limits

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

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, RA, RE, IN

DL

RER

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry) DLC

Detection Limit (DoD/DOE)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA Minimum Detectable Concentration (Radiochemistry) MDC

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

Presumptive **PRES**

QC **Quality Control**

Reporting Limit or Requested Limit (Radiochemistry)

Relative Error Ratio (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TFO

TNTC Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-7866-1

Project: FNR MOBLEY PIT

Eurofins Carlsbad Job ID: 890-7866-1

Job Narrative 890-7866-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/27/2025 8:12 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

Receipt Exceptions

The following samples > were received and analyzed from an unpreserved bulk soil jar: SW12 (890-7866-1) and SW13 (890-7866-2).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106273 and analytical batch 880-106237 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW12 (890-7866-1), (LCS 880-106261/2-A), (LCSD 880-106261/3-A), (890-7868-A-41-B MS) and (890-7868-A-41-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-106288 and analytical batch 880-106416. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-106288/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106318 and analytical batch 880-106371 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.

The associated sample is: SW13 (890-7866-2).

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

Job ID: 890-7866-1

Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: SW12 Lab Sample ID: 890-7866-1 Date Collected: 03/26/25 15:37

Matrix: Solid

Date Received: 03/27/25 08:12 Sample Depth: 0-4

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/28/25 07:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/28/25 07:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/28/25 07:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/25 22:10	03/28/25 07:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/28/25 07:51	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/25 22:10	03/28/25 07:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			03/27/25 22:10	03/28/25 07:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130			03/27/25 22:10	03/28/25 07:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/28/25 07:51	1		

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<49.8	U	49.8	mg/Kg			03/28/25 03:20	1

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/25 17:14	03/28/25 03:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/27/25 17:14	03/28/25 03:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/25 17:14	03/28/25 03:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	70Necovery	Qualifier	Lillits	7.16	epareu	Allalyzeu	Diriac
1-Chlorooctane	156	S1+	70 - 130	03/27	7/25 17:14	03/28/25 03:20	1
o-Terphenyl	175	S1+	70 - 130	03/27	7/25 17:14	03/28/25 03:20	1
Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble	9				

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	555	10.0	mg/Kg			03/28/25 21:04	1

Client Sample ID: SW13 Lab Sample ID: 890-7866-2 Date Collected: 03/26/25 15:40 **Matrix: Solid** Date Received: 03/27/25 08:12

Sample Depth: 0-4

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 23:19	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 23:19	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 23:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/25 20:00	03/27/25 23:19	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/25 20:00	03/27/25 23:19	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/25 20:00	03/27/25 23:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			03/27/25 20:00	03/27/25 23:19	1

Client Sample Results

Client: Ensolum Job ID: 890-7866-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: SW13

Date Collected: 03/26/25 15:40

1320

Lab Sample ID: 890-7866-2

03/31/25 20:09

Matrix: Solid

Date Received: 03/27/25 08:12 Sample Depth: 0-4

Chloride

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130			03/27/25 20:00	03/27/25 23:19	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/27/25 23:19	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/30/25 01:28	1
Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015B NM - Die	•		•					
Gasoline Range Organics	<49.9	U F1	49.9	mg/Kg		03/28/25 06:57	03/30/25 01:28	1
(GRO)-C6-C10	-10.0	11.54	40.0			00/00/05 00:57	02/20/05 04:00	4
Diesel Range Organics (Over C10-C28)	<49.9	UFI	49.9	mg/Kg		03/28/25 06:57	03/30/25 01:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/28/25 06:57	03/30/25 01:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130			03/28/25 06:57	03/30/25 01:28	1
o-Terphenyl	113		70 - 130			03/28/25 06:57	03/30/25 01:28	1

101

mg/Kg

Surrogate Summary

Client: Ensolum Job ID: 890-7866-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		BFB1	DFBZ1	· ·
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7848-A-1-A MS	Matrix Spike	130	102	
890-7848-A-1-B MSD	Matrix Spike Duplicate	103	89	
890-7866-1	SW12	105	87	
890-7866-2	SW13	100	93	
890-7868-A-41-D MS	Matrix Spike	148 S1+	119	
890-7868-A-41-E MSD	Matrix Spike Duplicate	107	104	
LCS 880-106182/1-A	Lab Control Sample	127	90	
LCS 880-106273/1-A	Lab Control Sample	93	108	
LCSD 880-106182/2-A	Lab Control Sample Dup	117	99	
LCSD 880-106273/2-A	Lab Control Sample Dup	95	98	
MB 880-106182/5-A	Method Blank	93	89	
MB 880-106273/5-A	Method Blank	93	75	
Surrogate Legend				
BFB = 4-Bromofluorobenzer	ne (Surr)			
DFBZ = 1,4-Difluorobenzene	e (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7866-1	SW12	156 S1+	175 S1+	
890-7866-2	SW13	115	113	
890-7866-2 MS	SW13	114	114	
890-7866-2 MSD	SW13	118	117	
890-7868-A-41-B MS	Matrix Spike	123	138 S1+	
890-7868-A-41-C MSD	Matrix Spike Duplicate	125	140 S1+	
LCS 880-106261/2-A	Lab Control Sample	119	137 S1+	
LCS 880-106288/2-A	Lab Control Sample	105	114	
LCSD 880-106261/3-A	Lab Control Sample Dup	120	138 S1+	
LCSD 880-106288/3-A	Lab Control Sample Dup	146 S1+	133 S1+	
MB 880-106261/1-A	Method Blank	111	115	
MB 880-106288/1-A	Method Blank	112	111	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Client: Ensolum Job ID: 890-7866-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106182/5-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106182

	IVID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/25 10:00	03/27/25 12:22	1

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/27/25 10:00	03/27/25 12:22	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/27/25 10:00	03/27/25 12:22	1

Lab Sample ID: LCS 880-106182/1-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106182

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09931		mg/Kg		99	70 - 130	
Toluene	0.100	0.09773		mg/Kg		98	70 - 130	
Ethylbenzene	0.100	0.1233		mg/Kg		123	70 - 130	
m-Xylene & p-Xylene	0.200	0.2374		mg/Kg		119	70 - 130	
o-Xylene	0.100	0.1137		mg/Kg		114	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	127	70 - 130
1,4-Difluorobenzene (Surr)	90	70 - 130

Lab Sample ID: LCSD 880-106182/2-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106182

RPD LCSD LCSD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Limit Benzene 0.100 0.09850 mg/Kg 98 70 - 130 35 Toluene 0.100 0.09297 mg/Kg 93 70 - 130 5 35 Ethylbenzene 0.100 0.08745 mg/Kg 87 70 - 130 34 35 m-Xylene & p-Xylene 0.200 0.1691 mg/Kg 85 70 - 130 34 35 0.100 0.1051 o-Xylene mg/Kg 105 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1.4-Difluorobenzene (Surr)	99		70 ₋ 130

Lab Sample ID: 890-7848-A-1-A MS

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 106182

MS MS Sample Sample Spike %Rec Result Qualifier Added Analyte Result Qualifier Unit %Rec Limits <0.00198 U 0.101 70 - 130 Benzene 0.1014 mg/Kg 101 Toluene <0.00198 U 0.101 0.09517 mg/Kg 95 70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ensolum Job ID: 890-7866-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

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

Lab Sample ID: 890-7848-A-1-A MS

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106182

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	130	70 - 130
1,4-Difluorobenzene (Surr)	102	70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106182

Lab Sample ID: 890-7848-A-1-B MSD Matrix: Solid

Analysis Batch: 106175

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec 0.100 Benzene <0.00198 U 0.09282 mg/Kg 93 70 - 130 9 35 Toluene <0.00198 U 0.100 0.09157 70 - 130 35 mg/Kg 91 4 Ethylbenzene <0.00198 U 0.100 0.08537 mg/Kg 85 70 - 130 32 35 m-Xylene & p-Xylene <0.00397 U 0.200 0.1852 92 70 - 130 23 35 mg/Kg 0.100 o-Xylene <0.00198 U 0.08887 89 70 - 130 23 mg/Kg

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-106273/5-A

Matrix: Solid

Analysis Batch: 106237

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106273

		MB	MB

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/25 22:10	03/27/25 23:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/25 22:10	03/27/25 23:46	1

MB MB

Surrogate	%Recovery 0	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/27/25 22:10	03/27/25 23:46	1
1,4-Difluorobenzene (Surr)	75		70 - 130	03/27/25 22:10	03/27/25 23:46	1

Lab Sample ID: LCS 880-106273/1-A

Matrix: Solid

Analysis Batch: 106237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106273

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	0.100	0.1200		mg/Kg		120	70 - 130
Toluene	0.100	0.1083		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1108		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2094		mg/Kg		105	70 - 130

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A

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11

13

Client: Ensolum

Job ID: 890-7866-1

SDG: 03C2284005

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

Lab Sample ID: LCS 880-106273/1-A

Matrix: Solid

Analysis Batch: 106237

Project/Site: FNR MOBLEY PIT

Client Sample ID: Lab Control Samp	le
------------------------------------	----

Prep Type: Total/NA

Prep Batch: 106273

Spike LCS LCS Analyte Added Result Qualifier Unit %Rec Limits 70 - 130 o-Xylene 0.100 0.1000 100 mg/Kg

%Rec

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 93 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106273

Matrix: Solid Analysis Batch: 106237

Lab Sample ID: 890-7868-A-41-D MS

Lab Sample ID: 890-7868-A-41-E MSD

Matrix: Solid

Matrix: Solid

Analysis Batch: 106237

Analysis Batch: 106237

Lab Sample ID: LCSD 880-106273/2-A

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1060		mg/Kg		106	70 - 130	12	35
Toluene	0.100	0.1087		mg/Kg		109	70 - 130	0	35
Ethylbenzene	0.100	0.1120		mg/Kg		112	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2154		mg/Kg		108	70 - 130	3	35
o-Xvlene	0.100	0.1025		ma/Ka		103	70 - 130	2	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106273

Spike MS MS %Rec Sample Sample Result Qualifier Analyte Added Result Qualifier %Rec Unit Limits Benzene <0.00198 U 0.101 0.07889 mg/Kg 78 70 - 130 Toluene <0.00198 U 0.101 0.08870 mg/Kg 88 70 - 130 Ethylbenzene <0.00198 U 0.101 0.1200 mg/Kg 119 70 - 130 m-Xylene & p-Xylene <0.00397 U F2 F1 0.201 0.3166 F1 mg/Kg 157 70 - 130 o-Xylene <0.00198 U 0.101 0.1010 mg/Kg 100 70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits			
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130			
1 4-Difluorobenzene (Surr)	119		70 - 130			

Client Sample ID: Matrix Spike Duplicate

Prep Batch: 106273

Allalysis Datcii. 100231								Prep Batch. 10021					
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	<0.00198	U	0.100	0.08632	-	mg/Kg		86	70 - 130	9	35		
Toluene	<0.00198	U	0.100	0.09100		mg/Kg		91	70 - 130	3	35		
Ethylbenzene	<0.00198	U	0.100	0.1055		mg/Kg		105	70 - 130	13	35		
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.200	0.2139	F2	mg/Kg		107	70 - 130	39	35		
o-Xylene	<0.00198	U	0.100	0.09031		mg/Kg		90	70 - 130	11	35		

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Prep Type: Total/NA

Client: Ensolum

Job ID: 890-7866-1

SDG: 03C2284005

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

Lab Sample ID: 890-7868-A-41-E MSD **Matrix: Solid**

Project/Site: FNR MOBLEY PIT

Analysis Batch: 106237

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106273

MSD MSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 107 70 - 130 1,4-Difluorobenzene (Surr) 104 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-106261/1-A

Matrix: Solid

Analysis Batch: 106259

Client Sample ID: Method Blank

03/27/25 12:43

Prep Type: Total/NA

Prep Batch: 106261

MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 03/27/25 17:14 03/27/25 12:43 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 03/27/25 17:14 03/27/25 12:43 C10-C28)

Oil Range Organics (Over C28-C36)

MB MB

<50.0 U

Dil Fac Surrogate %Recovery Qualifier Limits Prepared Analyzed 70 - 130 03/27/25 17:14 03/27/25 12:43 1-Chlorooctane 111 o-Terphenyl 115 70 - 130 03/27/25 17:14 03/27/25 12:43

50.0

mg/Kg

Lab Sample ID: LCS 880-106261/2-A

Matrix: Solid

Analysis Batch: 106259

Client Sample ID: Lab Control Sample

03/27/25 17:14

Prep Type: Total/NA **Prep Batch: 106261**

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 1039 mg/Kg 104 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1205 mg/Kg 120 70 - 130

C10-C28)

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 119 70 - 130 o-Terphenyl 137 S1+ 70 - 130

Lab Sample ID: LCSD 880-106261/3-A

Matrix: Solid

Analysis Batch: 106259

Client Sample ID: Lab Control Sample Dup

Prep Batch: 106261

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 1057 106 70 - 130 2 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1226 123 70 - 130 2 20 mg/Kg

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	138	S1+	70 - 130

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Prep Type: Total/NA

Client: Ensolum

Job ID: 890-7866-1

SDG: 03C2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7868-A-41-B MS

Matrix: Solid

Analysis Batch: 106259

Project/Site: FNR MOBLEY PIT

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106261 Limits

Sample Sample Spike MS MS Result Qualifier Added Analyte Result Qualifier Unit %Rec Gasoline Range Organics <49.8 U 1000 739.9 mg/Kg 74 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over <49.8 U 1015 mg/Kg 98 70 - 130 C10-C28)

MS MS %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 123 o-Terphenyl 138 S1+ 70 - 130

Lab Sample ID: 890-7868-A-41-C MSD

Matrix: Solid

Analysis Batch: 106259

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106261

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.8	U	1000	772.4		mg/Kg		77	70 - 130	4	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.8	U	1000	1026		mg/Kg		99	70 - 130	1	20
C10-C28)											

MSD MSD

MR MR

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	125	70 - 130
o-Terphenyl	140 S1+	70 - 130

Lab Sample ID: MB 880-106288/1-A

Matrix: Solid

Analysis Batch: 106416

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106288

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/28/25 06:57	03/30/25 00:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/28/25 06:57	03/30/25 00:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/28/25 06:57	03/30/25 00:40	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	03/28/25 06:57	03/30/25 00:40	1
o-Terphenyl	111		70 - 130	03/28/25 06:57	03/30/25 00:40	1

Lab Sample ID: LCS 880-106288/2-A

Matrix: Solid

Analysis Batch: 106416

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106288

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	922.3		mg/Kg		92	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1031		mg/Kg		103	70 - 130	
C10-C28)								

Job ID: 890-7866-1 Client: Ensolum Project/Site: FNR MOBLEY PIT

SDG: 03C2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

LCS LCS

Lab Sample ID: LCS 880-106288/2-A

Matrix: Solid

Analysis Batch: 106416

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106288

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 105 70 - 130 o-Terphenyl 114 70 - 130

Lab Sample ID: LCSD 880-106288/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 106416

Prep Type: Total/NA Prep Batch: 106288

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1054 105 70 - 13013 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1150 mg/Kg 115 70 - 13011 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	146	S1+	70 - 130		
o-Terphenvl	133	S1+	70 ₋ 130		

Lab Sample ID: 890-7866-2 MS Client Sample ID: SW13

Matrix: Solid

Analysis Batch: 106416

Prep Type: Total/NA Prep Batch: 106288 Sample Sample Spike MS MS

Analyte Result Qualifier hahhA Result Qualifier Unit D %Rec Limits Gasoline Range Organics <49.9 U F1 996 <49.8 UF1 mg/Kg 0 70 - 130 (GRO)-C6-C10 <49.9 UF1 70 - 130 Diesel Range Organics (Over 996 <49.8 U F1 mg/Kg 0

C10-C28)

	MS M	IS	
Surrogate	%Recovery Q	ualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: 890-7866-2 MSD Client Sample ID: SW13

Matrix: Solid

Analysis Batch: 106416

Prep Type: Total/NA Prep Batch: 106288

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit <49.9 U F1 996 <49.8 U F1 0 Gasoline Range Organics mg/Kg 70 - 130 NC 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 UF1 996 <49.8 U F1 mg/Kg 70 - 130 NC 20

C10-C28)

MSD MSD %Recovery Qualifier Limits Surrogate

1-Chlorooctane 118 70 - 130 o-Terphenyl 117 70 - 130

Job ID: 890-7866-1

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106317/1-A

Matrix: Solid

Analysis Batch: 106369

мв мв

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Chloride <10.0 U 10.0 mg/Kg 03/28/25 17:29

Lab Sample ID: LCS 880-106317/2-A

Matrix: Solid

Analysis Batch: 106369

	Spike	LCS LCS				%Rec	
Analyte		sult Qualifier	Unit	D	%Rec	Limits	
Chloride	250 2	54.5	mg/Kg		102	90 - 110	

Lab Sample ID: LCSD 880-106317/3-A

Matrix: Solid

Analysis Batch: 106369

	Spi	te LCSD	LCSD				%Rec		RPD
Analyte	Add	d Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	2	255.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-56120-A-23-C MS

Matrix: Solid

Analysis Batch: 106369

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	220		250	474.1		mg/Kg		102	90 - 110	

Lab Sample ID: 880-56120-A-23-D MSD

Matrix: Solid

Analysis Batch: 106369

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	220		250	468.9		mg/Kg		100	90 - 110	1	20	

Lab Sample ID: MB 880-106318/1-A

Matrix: Solid

Analysis Batch: 106371

MB MB

Analyte	Result Quali	tier RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0 U	10.0	mg/Kg			03/31/25 17:17	1

Lab Sample ID: LCS 880-106318/2-A

Matrix: Solid

Analysis Batch: 106371

_	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	250	251.3	-	ma/Ka		101	90 - 110

Lab Sample ID: LCSD 880-106318/3-A

Matrix: Solid

Analysis Batch: 1063/1									
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	251.9		mg/Kg		101	90 - 110		20

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Page 15 of 26

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: Ensolum Job ID: 890-7866-1 SDG: 03C2284005 Project/Site: FNR MOBLEY PIT

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56128-A-1-E MS

Matrix: Solid

Analysis Batch: 106371

Sample Sample Spike MS MS %Rec Added Result Qualifier Result Qualifier Analyte Unit %Rec Limits Chloride 5520 2520 8032 mg/Kg 100 90 - 110

Lab Sample ID: 880-56128-A-1-F MSD

Matrix: Solid

Analysis Batch: 106371

Alialysis Datcii. 10037 I											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	5520		2520	8070		mg/Kg		102	90 - 110	0	20

Client: Ensolum Job ID: 890-7866-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

GC VOA

Analysis Batch: 106175

Lab Sample ID 890-7866-2	Client Sample ID SW13	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 106182
MB 880-106182/5-A	Method Blank	Total/NA	Solid	8021B	106182
LCS 880-106182/1-A	Lab Control Sample	Total/NA	Solid	8021B	106182
LCSD 880-106182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106182
890-7848-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	106182
890-7848-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106182

Prep Batch: 106182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-2	SW13	Total/NA	Solid	5035	
MB 880-106182/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106182/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7848-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7848-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-1	SW12	Total/NA	Solid	8021B	106273
MB 880-106273/5-A	Method Blank	Total/NA	Solid	8021B	106273
LCS 880-106273/1-A	Lab Control Sample	Total/NA	Solid	8021B	106273
LCSD 880-106273/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106273
890-7868-A-41-D MS	Matrix Spike	Total/NA	Solid	8021B	106273
890-7868-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106273

Prep Batch: 106273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-1	SW12	Total/NA	Solid	5035	_
MB 880-106273/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106273/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106273/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7868-A-41-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7868-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-1	SW12	Total/NA	Solid	Total BTEX	
890-7866-2	SW13	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 106259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-1	SW12	Total/NA	Solid	8015B NM	106261
MB 880-106261/1-A	Method Blank	Total/NA	Solid	8015B NM	106261
LCS 880-106261/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106261
LCSD 880-106261/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106261
890-7868-A-41-B MS	Matrix Spike	Total/NA	Solid	8015B NM	106261
890-7868-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106261

Client: Ensolum

Project/Site: FNR MOBLEY PIT

Job ID: 890-7866-1

SDG: 03C2284005

GC Semi VOA

Prep Batch: 106261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-1	SW12	Total/NA	Solid	8015NM Prep	
MB 880-106261/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106261/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106261/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7868-A-41-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7868-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 106288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-2	SW13	Total/NA	Solid	8015NM Prep	
MB 880-106288/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106288/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7866-2 MS	SW13	Total/NA	Solid	8015NM Prep	
890-7866-2 MSD	SW13	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-1	SW12	Total/NA	Solid	8015 NM	
890-7866-2	SW13	Total/NA	Solid	8015 NM	

Analysis Batch: 106416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-2	SW13	Total/NA	Solid	8015B NM	106288
MB 880-106288/1-A	Method Blank	Total/NA	Solid	8015B NM	106288
LCS 880-106288/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106288
LCSD 880-106288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106288
890-7866-2 MS	SW13	Total/NA	Solid	8015B NM	106288
890-7866-2 MSD	SW13	Total/NA	Solid	8015B NM	106288

HPLC/IC

Leach Batch: 106317

Lab Sample ID 890-7866-1	Client Sample ID SW12	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
MB 880-106317/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106317/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106317/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56120-A-23-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56120-A-23-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 106318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-2	SW13	Soluble	Solid	DI Leach	
MB 880-106318/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106318/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106318/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56128-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56128-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Client: Ensolum Job ID: 890-7866-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

HPLC/IC

Analysis Batch: 106369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-1	SW12	Soluble	Solid	300.0	106317
MB 880-106317/1-A	Method Blank	Soluble	Solid	300.0	106317
LCS 880-106317/2-A	Lab Control Sample	Soluble	Solid	300.0	106317
LCSD 880-106317/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106317
880-56120-A-23-C MS	Matrix Spike	Soluble	Solid	300.0	106317
880-56120-A-23-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106317

Analysis Batch: 106371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7866-2	SW13	Soluble	Solid	300.0	106318
MB 880-106318/1-A	Method Blank	Soluble	Solid	300.0	106318
LCS 880-106318/2-A	Lab Control Sample	Soluble	Solid	300.0	106318
LCSD 880-106318/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106318
880-56128-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	106318
880-56128-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106318

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Client: Ensolum Job ID: 890-7866-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: SW12 Lab Sample ID: 890-7866-1

Matrix: Solid

Date Collected: 03/26/25 15:37 Date Received: 03/27/25 08:12

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106273	03/27/25 22:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106237	03/28/25 07:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106341	03/28/25 07:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106334	03/28/25 03:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106261	03/27/25 17:14	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106259	03/28/25 03:20	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106317	03/28/25 10:08	SMC	EET MID
Soluble	Analysis	300.0		1			106369	03/28/25 21:04	CH	EET MID

Client Sample ID: SW13 Lab Sample ID: 890-7866-2

Date Collected: 03/26/25 15:40 Matrix: Solid

Date Received: 03/27/25 08:12

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106182	03/27/25 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106175	03/27/25 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106341	03/27/25 23:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106334	03/30/25 01:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106288	03/28/25 06:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/30/25 01:28	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	106318	03/28/25 10:15	SMC	EET MID
Soluble	Analysis	300.0		10			106371	03/31/25 20:09	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-7866-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
0 ,	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Ensolum Project/Site: FNR MOBLEY PIT Job ID: 890-7866-1

SDG: 03C2284005

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

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Sample Summary

Client: Ensolum

Project/Site: FNR MOBLEY PIT

Job ID: 890-7866-1

SDG: 03C2284005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7866-1	SW12	Solid	03/26/25 15:37	03/27/25 08:12	0-4
890-7866-2	SW13	Solid	03/26/25 15:40	03/27/25 08:12	0-4

8:12

💸 eurofins

Project Number: Project Name:

Project Location:

32.296335, -103.924876

Due Date: ☐ Routine

72-hrs

Turn Around

utine Rush

Pres. Code

ANALYSIS REQUEST

Email: <u>| jreich@ensolum.com</u>

City, State ZIP:

Address: Company Name: Bill to: (if different)

State of Project:

Deliverables: EDD

ADaPT 🗆

Other:

Level IV

Preservative Codes

DI Water: H₂0 MeOH: Me

Cool: Cool None: NO Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Phone:

City, State ZIP: Address:

Carlsbad, NM 88220 3122 National Parks Hwy

432-296-0627

FNR Mobley Pit 03C2284005

Project Manager: Company Name:

Ensolum, LLC

Jeremy Reich

Xenco **Environment Testing**

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 5 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 79 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 98 Houston, TX (281) 240-4200, Dallas, TX (214) 90:

Ollino	Work Order Communication	
	890-7866 Chain of Custody	8-3199
		4-1296
		09-3334
		2-0300

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471 Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins-Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn					SW13 3/26/2025 1540 0-4' Comp 1 X X X	SW12 3/26/2025 1537 0-4' Comp 1 X X X	Sample Identification Matrix Sampled Sampled Sampled Depth Comp Cont G P E Sample C		Sample Custody Seals: Yes No NA Temperature Reading: 4,2			SAMPLE RECEIPT Temp Blank: Ves No Wet Ice: Yes No E	4	Sampler's Name: Alex Ferrell TAT starts the day received by HCL: HC
31 / 245.1 / 7470 / 7471	2 Na Sr TI Sn U V Zn		1					Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂ NaOH: Na	HCL: HC

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-7866-1 SDG Number: 03C2284005

Login Number: 7866 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-7866-1 SDG Number: 03C2284005

Login Number: 7866 **List Source: Eurofins Midland** List Number: 2 List Creation: 03/28/25 06:44 AM

Creator: Laing, Edmundo

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.	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	N/A	

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701 Generated 4/1/2025 3:25:11 PM

JOB DESCRIPTION

FNR MOBLEY PIT 03C2284005

JOB NUMBER

890-7879-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

Generated 4/1/2025 3:25:11 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 Client: Ensolum
Project/Site: FNR MOBLEY PIT

Laboratory Job ID: 890-7879-1
SDG: 03C2284005

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	19

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Definitions/Glossary

Job ID: 890-7879-1 Client: Ensolum Project/Site: FNR MOBLEY PIT

SDG: 03C2284005

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.

Indicates the analyte was analyzed for but not detected.

HPLC/IC

U

Qualifier **Qualifier Description**

MS and/or MSD recovery exceeds control limits. 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

DFR 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

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL 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) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-7879-1

Project: FNR MOBLEY PIT

Job ID: 890-7879-1 Eurofins Carlsbad

Job Narrative 890-7879-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 3/28/2025 2:28 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-106445 and analytical batch 880-106488 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-106445/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: TheChloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106327 and analytical batch 880-106572 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.

The associated samples are: FS19 (890-7879-1), (880-56140-A-8-C), (880-56140-A-8-D MS) and (880-56140-A-8-E MSD).

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

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Job ID: 890-7879-1

Client: Ensolum Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS19 Lab Sample ID: 890-7879-1

Date Collected: 03/28/25 09:40 Matrix: Solid Date Received: 03/28/25 14:28

Sample Depth: 10

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 14:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 14:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 14:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/01/25 08:53	04/01/25 14:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 14:00	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/01/25 08:53	04/01/25 14:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			04/01/25 08:53	04/01/25 14:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130			04/01/25 08:53	04/01/25 14:00	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/01/25 14:00	1
Method: SW846 8015 NM - Diese Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	<49.6		49.6	mg/Kg			03/31/25 17:50	1
- Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6	mg/Kg		03/31/25 08:18	03/31/25 17:50	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6	mg/Kg		03/31/25 08:18	03/31/25 17:50	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		03/31/25 08:18	03/31/25 17:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			03/31/25 08:18	03/31/25 17:50	1
o-Terphenyl	110		70 - 130			03/31/25 08:18	03/31/25 17:50	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		99.2	mg/Kg			04/01/25 03:02	10

Surrogate Summary

Client: Ensolum Job ID: 890-7879-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

•				Percent Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7879-1	FS19	114	94	
890-7901-A-1-D MS	Matrix Spike	98	100	
890-7901-A-1-E MSD	Matrix Spike Duplicate	99	99	
LCS 880-106621/1-A	Lab Control Sample	106	99	
LCSD 880-106621/2-A	Lab Control Sample Dup	104	100	
MB 880-106621/5-A	Method Blank	109	87	
Surrogate Legend				
BFB = 4-Bromofluorobenz	zene (Surr)			
DFBZ = 1,4-Difluorobenze	ene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-7878-A-1-E MS	Matrix Spike	119	127
890-7878-A-1-F MSD	Matrix Spike Duplicate	100	123
890-7879-1	FS19	113	110
LCS 880-106445/2-A	Lab Control Sample	133 S1+	126
LCSD 880-106445/3-A	Lab Control Sample Dup	118	111
MB 880-106445/1-A	Method Blank	89	86
Surrogate Legend			

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Ensolum Job ID: 890-7879-1 SDG: 03C2284005 Project/Site: FNR MOBLEY PIT

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106621/5-A

Lab Sample ID: LCS 880-106621/1-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 106612

Analysis Batch: 106612

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106621

	MB	MR						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 11:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/01/25 08:53	04/01/25 11:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/01/25 08:53	04/01/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/01/25 08:53	04/01/25 11:15	1

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared
4-Bromofluorobenzene (Surr)	109		70 - 130	04/01/25 08:53
1,4-Difluorobenzene (Surr)	87		70 - 130	04/01/25 08:53

Client Sample ID: Lab Control Sample

Analyzed

04/01/25 11:15

04/01/25 11:15

Prep Type: Total/NA

Prep Batch: 106621

Spike	LCS	LCS				%Rec
Added	Result	Qualifier	Unit	D	%Rec	Limits
0.100	0.1129		mg/Kg		113	70 - 130
0.100	0.09801		mg/Kg		98	70 - 130
0.100	0.09929		mg/Kg		99	70 - 130
0.200	0.2014		mg/Kg		101	70 - 130
0.100	0.1024		mg/Kg		102	70 - 130
	Added 0.100 0.100 0.100 0.100 0.200	Added Result 0.100 0.1129 0.100 0.09801 0.100 0.09929 0.200 0.2014	Added Result Qualifier 0.100 0.1129 0.100 0.09801 0.100 0.09929 0.200 0.2014	Added Result Qualifier Unit 0.100 0.1129 mg/Kg 0.100 0.09801 mg/Kg 0.100 0.09929 mg/Kg 0.200 0.2014 mg/Kg	Added Result Qualifier Unit D 0.100 0.1129 mg/Kg 0.100 0.09801 mg/Kg 0.100 0.09929 mg/Kg 0.200 0.2014 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.1129 mg/Kg 113 0.100 0.09801 mg/Kg 98 0.100 0.09929 mg/Kg 99 0.200 0.2014 mg/Kg 101

LCS LCS

Surrogate	%Recovery 0	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 106612

Lab Sample ID: LCSD 880-106621/2-A

Prep Type: Total/NA **Prep Batch: 106621**

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1147		mg/Kg		115	70 - 130	2	35
Toluene	0.100	0.09722		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.09784		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1978		mg/Kg		99	70 - 130	2	35
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	2	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1.4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7901-A-1-D MS

Matrix: Solid

Analysis Batch: 106612

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106621

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0996	0.1018		mg/Kg		102	70 - 130	
Toluene	<0.00199	U	0.0996	0.08544		mg/Kg		86	70 - 130	

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Page 8 of 20

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QC Sample Results

Client: Ensolum Job ID: 890-7879-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

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

Lab Sample ID: 890-7901-A-1-D MS

Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 106612 Prep Batch: 106621

Samp	ie Sampie	эріке	IVIO	IVIO				%Rec
alyte Res	ılt Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
nylbenzene <0.001	99 U	0.0996	0.08575		mg/Kg		86	70 - 130
Xylene & p-Xylene <0.003	98 U	0.199	0.1723		mg/Kg		86	70 - 130
Kylene <0.001	99 U	0.0996	0.08678		mg/Kg		87	70 - 130
	value Result nylbenzene <0.0015	palyte Result on the public of t	Result on the problem (all yellow) Result on the problem (all yellow) Qualifier on the problem (all yellow) Added on the problem (all yellow) Added on yellow) <0.00199	Result villenzene Result villenzene Qualifier villenzene Added villenzene Result villenzene Qualifier villenzene Added villenzene Result villenzene 0.0996 villenzene 0.08575 Xylene & p-Xylene <0.00398 villenzene	Result onlylbenzene Result onlylbenzene Qualifier onlylbenzene Added onlylbenzene Result onlylbenzene Qualifier onlylbenzene Xylene & p-Xylene <0.00398	Result by Indicator Result by Indicator Result by Indicator Qualifier by Indicator Added by Indicator Result by Indicator Qualifier by Indicator Unit by Indicator Qualifier by Indicator Unit by Indicator May Indicator Unit by Indicator Un	Result pulled Result pulled Qualifier Added pulled Result pulled Qualifier pulled Description Description<	Result value Result value Qualifier Added value Result value Qualifier value Unit value D value %Recult value nylbenzene <0.00199 U 0.0996

 MS
 MS

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 98
 70 - 130

 1,4-Difluorobenzene (Surr)
 100
 70 - 130

Lab Sample ID: 890-7901-A-1-E MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 106612 Prep Batch: 106621

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.1009		mg/Kg		101	70 - 130	1	35
Toluene	<0.00199	U	0.100	0.08639		mg/Kg		86	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.08714		mg/Kg		87	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1766		mg/Kg		88	70 - 130	2	35
o-Xylene	<0.00199	U	0.100	0.08935		mg/Kg		89	70 - 130	3	35
Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	<0.00199 <0.00199 <0.00199 <0.00398	U U U	0.100 0.100 0.100 0.200	0.1009 0.08639 0.08714 0.1766		mg/Kg mg/Kg mg/Kg mg/Kg		101 86 87 88	70 - 130 70 - 130 70 - 130 70 - 130	1 2 2	35 35 35 35

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 99
 70 ـ 130

 1,4-Difluorobenzene (Surr)
 99
 70 ـ 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-106445/1-A

Matrix: Solid

Analysis Batch: 106488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106445

Mp. Mp.

	MB	MR						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		03/31/25 08:18	03/31/25 10:17	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		03/31/25 08:18	03/31/25 10:17	1
C10-C28)								
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/31/25 08:18	03/31/25 10:17	1

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 03/31/25 08:18 1-Chlorooctane 89 03/31/25 10:17 o-Terphenyl 86 70 - 130 03/31/25 08:18 03/31/25 10:17

Lab Sample ID: LCS 880-106445/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 106488 Prep Batch: 106445

	эріке	LUS	LUS				70Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	845.3		mg/Kg		85	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	993.0		mg/Kg		99	70 - 130
C10-C28)							

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4/4/2025

Lab Sample ID: LCSD 880-106445/3-A

Lab Sample ID: 890-7878-A-1-E MS

Client: Ensolum Job ID: 890-7879-1 Project/Site: FNR MOBLEY PIT

SDG: 03C2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-106445/2-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 106488

Prep Type: Total/NA
Pren Batch: 106445

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 133 S1+ 70 - 130 o-Terphenyl 126 70 - 130

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106445

Analysis Batch: 106488 Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 774.6 77 70 - 1309 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 mg/Kg Diesel Range Organics (Over 1000 889.0 89 70 - 13011 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	111		70 - 130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106445

Sample Sample Spike MS MS Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics 53.1 F1 997 762.5 mg/Kg 71 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 966 997 1797 mg/Kg 83 70 - 130 C10-C28)

Matrix: Solid

Analysis Batch: 106488

MS MS %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 119 o-Terphenyl 127 70 - 130

Lab Sample ID: 890-7878-A-1-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 106488

Prep Type: Total/NA

Prep Batch: 106445

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	53.1	F1	997	745.9	F1	mg/Kg		69	70 - 130	2	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	966		997	1811		mg/Kg		85	70 - 130	1	20	
C10 C20)												

C10-C28)

Surrogate 1-Chlorooctane o-Terphenyl

MISD	WISD	
%Recovery	Qualifier	Limits
100		70 - 130
123		70 - 130

MSD MSD

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

QC Sample Results

Client: Ensolum Job ID: 890-7879-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106327/1-A

Matrix: Solid

Analysis Batch: 106572

MB MB

 Analyte
 Result
 Qualifier
 RL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 <10.0</td>
 U
 10.0
 mg/Kg
 04/01/25 00:38
 1

Lab Sample ID: LCS 880-106327/2-A

Matrix: Solid

Analysis Batch: 106572

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 248.2 mg/Kg 99 90 - 110

Lab Sample ID: LCSD 880-106327/3-A

Matrix: Solid

Analysis Batch: 106572

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 251.7 101 mg/Kg 90 - 110

Lab Sample ID: 880-56140-A-8-D MS

Matrix: Solid

Analysis Batch: 106572

Spike MS MS Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier %Rec Unit Limits Chloride 210 F1 251 415.8 F1 90 - 110 mg/Kg

Lab Sample ID: 880-56140-A-8-E MSD

Matrix: Solid

Analysis Batch: 106572

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 210 F1 251 414.2 F1 mg/Kg 81 90 - 110 20

QC Association Summary

Client: Ensolum Job ID: 890-7879-1
Project/Site: FNR MOBLEY PIT SDG: 03C2284005

GC VOA

Analysis Batch: 106612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Total/NA	Solid	8021B	106621
MB 880-106621/5-A	Method Blank	Total/NA	Solid	8021B	106621
LCS 880-106621/1-A	Lab Control Sample	Total/NA	Solid	8021B	106621
LCSD 880-106621/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106621
890-7901-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	106621
890-7901-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106621

Prep Batch: 106621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Total/NA	Solid	5035	
MB 880-106621/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106621/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106621/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7901-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7901-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106445

Γ					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Total/NA	Solid	8015NM Prep	
MB 880-106445/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106445/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7878-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7878-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Total/NA	Solid	8015B NM	106445
MB 880-106445/1-A	Method Blank	Total/NA	Solid	8015B NM	106445
LCS 880-106445/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106445
LCSD 880-106445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106445
890-7878-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	106445
890-7878-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106445

Analysis Batch: 106654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 106327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Soluble	Solid	DI Leach	
MB 880-106327/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106327/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106327/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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Page 12 of 20

QC Association Summary

Client: Ensolum
Project/Site: FNR MOBLEY PIT
SDG: 03C2284005

HPLC/IC (Continued)

Leach Batch: 106327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56140-A-8-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56140-A-8-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 106572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7879-1	FS19	Soluble	Solid	300.0	106327
MB 880-106327/1-A	Method Blank	Soluble	Solid	300.0	106327
LCS 880-106327/2-A	Lab Control Sample	Soluble	Solid	300.0	106327
LCSD 880-106327/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106327
880-56140-A-8-D MS	Matrix Spike	Soluble	Solid	300.0	106327
880-56140-A-8-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106327

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Lab Chronicle

Client: Ensolum Job ID: 890-7879-1 Project/Site: FNR MOBLEY PIT SDG: 03C2284005

Client Sample ID: FS19

Lab Sample ID: 890-7879-1 Date Collected: 03/28/25 09:40

Matrix: Solid

Date Received: 03/28/25 14:28

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106621	04/01/25 08:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106612	04/01/25 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106687	04/01/25 14:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106654	03/31/25 17:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	106445	03/31/25 08:18	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106488	03/31/25 17:50	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106327	03/31/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	106572	04/01/25 03:02	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-7879-1 Project/Site: FNR MOBLEY PIT

SDG: 03C2284005

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
0 ,	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Ensolum

Project/Site: FNR MOBLEY PIT

Job ID: 890-7879-1 SDG: 03C2284005

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

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Sample Summary

Client: Ensolum

Project/Site: FNR MOBLEY PIT

Job ID: 890-7879-1

SDG: 03C2284005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7879-1	FS19	Solid	03/28/25 09:40	03/28/25 14:28	10

eurofins

Xenco

Environment Testing

Phone:

432-296-0627

Email: Jreich@ensolum.com/Tmorrissey@ensolum.com

City, State ZIP:

City, State ZIP:

\ddress:

Company Name: Project Manager:

Ensolum

Jeremy Reich

Bill to: (if different)

Company Name:

Address:

3122 National Parks Hwy Carlsbad, NM 88220

Project Name:

FNR Mobley Pit

03C2284005

Samples Received Intact: SAMPLE RECEIPT

Temp Blank: √es No

Thermometer ID: Yes No

Wet Ice:

₩ No

Parameters

PA: 3000.0)

Vno)

Sampler's Name: Project Location: Project Number:

32.296335, -103.924876

Due Date:

72-hrs

Routine

✓ Rush

Pres. Code

ANALYSIS REQUEST

None: NO

DI Water: H₂O

Preservative Codes

HCT: HC Cool: Cool

NaOH: Na HNO3: HN MeOH: Me Turn Around

the lab, if received by 4:30pm

TAT starts the day received by

Jesse Dorman

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

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-7879 C		
890-7879 Chain of Custody		
Custod		
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Work Order Comments	www.xenco.com Page1_ of	890-7879 Chain of Custody			
	of1			-	

Deliv	Repo	State	Prog		
Deliverables: EDD	rting: Level I	State of Project:	ram: UST/P		
	I □Level III		ST PRP[Work	www.xenco.com
ADaPT 🗆	☐ PST/U		Brownfie	Work Order Comments	com
] Other:	Reporting: Level II Level III PST/UST TRRP Level IV		Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	nments	Page
	<u> </u>		□ Su		.1 o
	Level IV		perfund 🗌		

Fication Matrix Sampled Sam	Provided Date: 08/05/0000 Bear 2000 2			6								
tu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Mn Mo Ni Se Ag Ti U Hg: 1631 // contractors. It assigns standard terms and conditions uch losses are due to circumstances beyond the control These terms will be enforced unless previously negotiated. By: (Signature) Received by: (Signature)				12	.78	7			ely	8		ame
U Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na O Mn Mo Ni Se Ag Ti U Hg: 1631 / Contractors. It assigns standard terms and conditions uch losses are due to circumstances beyond the control These terms will be enforced unless previously negotiated.	Date/Time	Received by: (Signature)		ime	Date/T			у: (Signature)	Received t		gnature)	Relinquished by: (Si
631 / Na		andard terms and conditions Imstances beyond the control ed unless previously negotiated.	, its affiliates and subcontractors. It assigns sta rrred by the client if such losses are due to circu co, but not analyzed. These terms will be enforc	expenses incu Eurofins Xen	pany to E losses or bmitted to	Hient con y for any ample su	order from responsibilit	tes a valid purchase all not assume any ect and a charge of	f samples constitution of samples and shipplied to each pro	y for the cos	nent and relin be liable only charge of \$8	otice: Signature of this docur f service. Eurofins Xenco wil f Eurofins Xenco. A minimum
Yes No Ny Temperature Reading: 1, U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U	5.1 / 7470 / 7471	g Ti U Hg: 1631 / 248	d Cr Co Cu Pb Mn Mo Ni Se A	Ba Be Co	Sb As	ĈŖĄ	6010: 8F	TCLP / SPLP	ed	be analyz	fetal(s) to	Sircle Method(s) and N
reation Matrix Sampled Sampled Sampled Depth Comp Cont CH H (8015) S 3/28/2025 9:40 10' Comp 1 X X BTEX (80221)	TI Sn U V Zn	Mo Ni K Se Ag SiO ₂ Na Sr	d Ca Cr Co Cu Fe Pb Mg Mn I	аВеВС	As E	AI SI	Texas 11	CRA 13PPM	8R(6020:	200.8 /	Total 200.7 / 6010
Yes No (N/A Temperature Reading: 1, () Corrected Temperature: (M) DESCRIPTION OF THE PROPERTY OF THE PROPER	Sample Comments				× CHLC	# Or Cont			<u>ж</u>	Matrix	ation	Sample Identific
Yes No N/A Temperature Reading:	OH+Ascorbic Acid: SAPC	Nac			RIDES			perature:	Corrected Temp		11 11	Total Containers:
Yes No INA Correction Factor:	Tva ₂ S ₂ O ₃ . NaSO ₃ Zn Acetate+NaOH: Zn	Zn			(EPA	P	1,6	ling:	Correction Factor			Sample Custody Seals:

Na₂S₂O₃: NaSO₃ NaHSO₄: NABIS H₃PO₄: HP H₂S0₄: H₂

Login Sample Receipt Checklist

 Client: Ensolum
 Job Number: 890-7879-1

 SDG Number: 03C2284005

Login Number: 7879 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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4/1/2025

Login Sample Receipt Checklist

 Client: Ensolum
 Job Number: 890-7879-1

 SDG Number: 03C2284005

List Source: Eurofins Midland List Creation: 03/30/25 06:36 PM

List Number: 2 Creator: Rodriguez, Leticia

Login Number: 7879

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.	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	N/A	

70 0j 320

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Reich Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701

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JOB DESCRIPTION

FNR MOBLEY Pit 03c2284005

JOB NUMBER

890-7903-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization

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Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 Client: Ensolum
Project/Site: FNR MOBLEY Pit
SDG: 03c2284005

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	22
Certification Summary	25
Method Summary	26
Sample Summary	27
Chain of Custody	28
Receipt Checklists	29

Definitions/Glossary

Client: Ensolum Job ID: 890-7903-1 Project/Site: FNR MOBLEY Pit

SDG: 03c2284005

Qualifiers

GC VOA

Qualifier **Qualifier Description** Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.
HDI C/IC	

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

RL

RPD

TEF

TEQ

TNTC

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)

Eurofins Carlsbad

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

Case Narrative

Client: Ensolum Job ID: 890-7903-1

Project: FNR MOBLEY Pit

Eurofins Carlsbad Job ID: 890-7903-1

Job Narrative 890-7903-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/1/2025 8:02 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 7.2°C.

Receipt Exceptions

The following were received and analyzed from an unpreserved bulk soil jar: FS32 (890-7903-1), FS33 (890-7903-2), SW14 (890-7903-3), SW15 (890-7903-4), SW16 (890-7903-5), SW17 (890-7903-6) and SW18 (890-7903-7).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106901 and analytical batch 880-106905 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 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: FS32 (890-7903-1). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-106901 and analytical batch 880-106905 was outside the upper control limits.

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106900 and analytical batch 880-106903 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106821 and analytical batch 880-106856 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Matrix: Solid

Lab Sample ID: 890-7903-1

Job ID: 890-7903-1

Client: Ensolum SDG: 03c2284005 Project/Site: FNR MOBLEY Pit

Client Sample ID: FS32

Date Collected: 03/27/25 12:00 Date Received: 04/01/25 08:02

Sample Depth: 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		04/02/25 08:24	04/02/25 11:21	
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		04/02/25 08:24	04/02/25 11:21	
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		04/02/25 08:24	04/02/25 11:21	
m-Xylene & p-Xylene	<0.00230	U	0.00403	0.00230	mg/Kg		04/02/25 08:24	04/02/25 11:21	
o-Xylene	< 0.00160	U	0.00202	0.00160	mg/Kg		04/02/25 08:24	04/02/25 11:21	
Xylenes, Total	<0.00230	U	0.00403	0.00230	mg/Kg		04/02/25 08:24	04/02/25 11:21	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				04/02/25 08:24	04/02/25 11:21	
1,4-Difluorobenzene (Surr)	82		70 - 130				04/02/25 08:24	04/02/25 11:21	1
· Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00403	0.00230	mg/Kg			04/02/25 11:21	1
•				0.00230	mg/Kg			04/02/25 11:21	1
Total BTEX Method: SW846 8015 NM - Diese Analyte	el Range Organ			0.00230 MDL		D	Prepared	04/02/25 11:21 Analyzed	
: Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)	MDL	Unit	<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte	Result < 15.0	ics (DRO) (General Control Con	GC) RL 49.6	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <a hr<="" td=""><td>ics (DRO) (General Control Con</td><td>GC) RL 49.6</td><td>MDL</td><td>Unit mg/Kg</td><td> D</td><td>Prepared Prepared</td><td>Analyzed</td><td>Dil Fac</td>	ics (DRO) (General Control Con	GC) RL 49.6	MDL	Unit mg/Kg	D	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result <a hr<="" td=""><td>Qualifier Unics (DRO) Qualifier Qualifier</td><td>RL 49.6</td><td>MDL 15.0</td><td>Unit mg/Kg</td><td></td><td></td><td>Analyzed 04/04/25 16:34</td><td>Dil Fac</td>	Qualifier Unics (DRO) Qualifier Qualifier	RL 49.6	MDL 15.0	Unit mg/Kg			Analyzed 04/04/25 16:34	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result Result <15.0 sel Range Organ Result	ics (DRO) (Control of the Control of	(GC)	MDL 15.0	Unit mg/Kg		Prepared	Analyzed 04/04/25 16:34 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	el Range Organ Result <15.0 sel Range Orga Result <14.4	ics (DRO) (Control of the Control of	(GC) RL 49.6	MDL 15.0 MDL 14.4 15.0	Unit mg/Kg Unit mg/Kg		Prepared 04/04/25 16:43	Analyzed 04/04/25 16:34 Analyzed 04/04/25 16:34	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 15.0 sel Range Orga Result 14.4 15.0	ics (DRO) (Qualifier U nnics (DRO) Qualifier U U	(GC) RL 49.6 RL 49.6 49.6	MDL 15.0 MDL 14.4 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/04/25 16:43 04/04/25 16:43	Analyzed 04/04/25 16:34 Analyzed 04/04/25 16:34 04/04/25 16:34	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	el Range Organ Result <15.0 sel Range Orga Result <14.4 <15.0 <15.0	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U	GC) RL 49.6 (GC) RL 49.6 49.6 49.6	MDL 15.0 MDL 14.4 15.0	Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 04/04/25 16:43 04/04/25 16:43	Analyzed 04/04/25 16:34 Analyzed 04/04/25 16:34 04/04/25 16:34	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	el Range Organ Result <15.0 sel Range Orga Result <14.4 <15.0 <15.0 <15.0	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U	GC) RL 49.6 49.6 49.6 49.6 49.6 49.6	MDL 15.0 MDL 14.4 15.0	Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 04/04/25 16:43 04/04/25 16:43 04/04/25 16:43	Analyzed 04/04/25 16:34 Analyzed 04/04/25 16:34 04/04/25 16:34 04/04/25 16:34	Dil Fac

Client Sample ID: FS33 Lab Sample ID: 890-7903-2

RL

50.2

MDL Unit

1.98 mg/Kg

D

Prepared

Analyzed

04/04/25 02:56

Dil Fac

Matrix: Solid

Date Collected: 03/27/25 12:04 Date Received: 04/01/25 08:02

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

559

Sample Depth: 4

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		04/02/25 08:24	04/02/25 11:42	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		04/02/25 08:24	04/02/25 11:42	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		04/02/25 08:24	04/02/25 11:42	1
m-Xylene & p-Xylene	<0.00228	U	0.00398	0.00228	mg/Kg		04/02/25 08:24	04/02/25 11:42	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		04/02/25 08:24	04/02/25 11:42	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		04/02/25 08:24	04/02/25 11:42	1

Matrix: Solid

Lab Sample ID: 890-7903-2

Client Sample Results

Client: Ensolum Job ID: 890-7903-1 Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Client Sample ID: FS33

Date Collected: 03/27/25 12:04 Date Received: 04/01/25 08:02

Sample Depth: 4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/02/25 08:24	04/02/25 11:42	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/02/25 08:24	04/02/25 11:42	1

Method: TAL SOP Total BTEX - Total	al BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			04/02/25 11:42	

Method: SW846 8015 NM - Diesel F	Range Organics (DRO) (GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2 U	50.3	15.2 mg/Kg			04/04/25 16:01	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	50.3	14.6	mg/Kg		04/04/25 15:15	04/04/25 16:01	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.3	15.2	mg/Kg		04/04/25 15:15	04/04/25 16:01	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.3	15.2	mg/Kg		04/04/25 15:15	04/04/25 16:01	1
Total TPH	<15.2	U	50.3	15.2	mg/Kg		04/04/25 15:15	04/04/25 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/04/25 15:15	04/04/25 16:01	1
o-Terphenyl	108		70 - 130	04/04/25 15:15	04/04/25 16:01	1

Method: EPA 300.0 - Anions, Ion Ch	romatograph	ny - Soluble							
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	843		100	3.95	mg/Kg			04/04/25 03:03	10

Client Sample ID: SW14 Lab Sample ID: 890-7903-3 Date Collected: 03/27/25 12:06 **Matrix: Solid**

Date Received: 04/01/25 08:02

Sample Depth: 0-4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		04/02/25 08:24	04/02/25 12:02	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		04/02/25 08:24	04/02/25 12:02	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		04/02/25 08:24	04/02/25 12:02	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg		04/02/25 08:24	04/02/25 12:02	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		04/02/25 08:24	04/02/25 12:02	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		04/02/25 08:24	04/02/25 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/02/25 08:24	04/02/25 12:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/02/25 08:24	04/02/25 12:02	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	ma/Ka			04/02/25 12:02	

Client: Ensolum Job ID: 890-7903-1 Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Client Sample ID: SW14

Date Collected: 03/27/25 12:06 Date Received: 04/01/25 08:02

Sample Depth: 0-4

Lab Sample ID: 890-7903-3 **Matrix: Solid**

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed Total TPH <15.3 U 50.5 15.3 04/04/25 16:18 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Dil Fac Analyte D Prepared Analyzed <14.7 U 50.5 14.7 04/04/25 15:15 04/04/25 16:18 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <15.3 U 50.5 04/04/25 15:15 04/04/25 16:18 15.3 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <15.3 U 50.5 15.3 mg/Kg 04/04/25 15:15 04/04/25 16:18 Total TPH <15.3 U 50.5 04/04/25 15:15 04/04/25 16:18 15.3 mg/Kg %Recovery Qualifier Surrogate Limits Prepared Dil Fac Analyzed

1-Chlorooctane 110 70 - 130 04/04/25 15:15 04/04/25 16:18 o-Terphenyl 105 70 - 130 04/04/25 15:15 04/04/25 16:18

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Dil Fac Analyzed 100 04/04/25 03:10 Chloride 683 F1 3.97 mg/Kg 10

Client Sample ID: SW15 Lab Sample ID: 890-7903-4 Matrix: Solid

Date Collected: 03/27/25 12:10 Date Received: 04/01/25 08:02

Sample Depth: 0-4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/02/25 08:24	04/02/25 12:23	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/02/25 08:24	04/02/25 12:23	1
Ethylbenzene	< 0.00109	U	0.00200	0.00109	mg/Kg		04/02/25 08:24	04/02/25 12:23	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		04/02/25 08:24	04/02/25 12:23	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/02/25 08:24	04/02/25 12:23	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		04/02/25 08:24	04/02/25 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/02/25 08:24	04/02/25 12:23	1
1,4-Difluorobenzene (Surr)	88		70 - 130				04/02/25 08:24	04/02/25 12:23	1
Method: TAL SOP Total BTEX - 1 Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
Analyte Total BTEX	Result <0.00228	Qualifier U	0.00399	MDL 0.00228	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 04/02/25 12:23	
Analyte Total BTEX Method: SW846 8015 NM - Diese	Result <0.00228	Qualifier U	0.00399 GC)	0.00228	mg/Kg			04/02/25 12:23	1
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte	Result <0.00228 el Range Organ Result	Qualifier U ics (DRO) (Qualifier	0.00399 GC)	0.00228 MDL	mg/Kg	<u>D</u>	Prepared Prepared	04/02/25 12:23 Analyzed	1 Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	Result <0.00228 Pl Range Organ Result <15.0	Qualifier U ics (DRO) (Qualifier U	0.00399 GC) RL 49.6	0.00228	mg/Kg			04/02/25 12:23	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	Result <0.00228 el Range Organ Result <15.0 sel Range Organ	Qualifier U ics (DRO) (Qualifier U	0.00399 GC) RL 49.6	0.00228 MDL 15.0	mg/Kg			04/02/25 12:23 Analyzed 04/04/25 16:34	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	Result <0.00228 el Range Organ Result <15.0 sel Range Organ	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	0.00399 GC) RL 49.6	0.00228 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	04/02/25 12:23 Analyzed	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	Result <0.00228 el Range Organ Result <15.0 sel Range Orga Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00399 GC) RL 49.6 (GC) RL	0.00228 MDL 15.0 MDL 14.4	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	04/02/25 12:23 Analyzed 04/04/25 16:34 Analyzed	Dil Fac Dil Fac 1 Dil Fac 1

Job ID: 890-7903-1

Client: Ensolum Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Client Sample ID: SW15 Lab Sample ID: 890-7903-4

Date Collected: 03/27/25 12:10 Matrix: Solid Date Received: 04/01/25 08:02

Sample Depth: 0-4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.6	15.0	mg/Kg		04/04/25 15:15	04/04/25 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				04/04/25 15:15	04/04/25 16:34	1
o-Terphenyl	113		70 - 130				04/04/25 15:15	04/04/25 16:34	1
Method: EPA 300.0 - An	ions, Ion Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040	-	100	3.96	mg/Kg			04/04/25 03:32	10

Client Sample ID: SW16 Lab Sample ID: 890-7903-5 Matrix: Solid

Date Collected: 03/27/25 14:18 Date Received: 04/01/25 08:02

Sample Depth: 0-10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00144	J	0.00200	0.00139	mg/Kg		04/02/25 08:24	04/02/25 12:44	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/02/25 08:24	04/02/25 12:44	1
Ethylbenzene	0.00118	J	0.00200	0.00109	mg/Kg		04/02/25 08:24	04/02/25 12:44	1
m-Xylene & p-Xylene	<0.00229	U	0.00401	0.00229	mg/Kg		04/02/25 08:24	04/02/25 12:44	1
o-Xylene	< 0.00159	U	0.00200	0.00159	mg/Kg		04/02/25 08:24	04/02/25 12:44	1
Xylenes, Total	<0.00229	U	0.00401	0.00229	mg/Kg		04/02/25 08:24	04/02/25 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/02/25 08:24	04/02/25 12:44	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/02/25 08:24	04/02/25 12:44	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00262	J	0.00401	0.00229	mg/Kg			04/02/25 12:44	1
•									
: Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
Method: SW846 8015 NM - Diese Analyte		ics (DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	•		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 04/04/25 15:45	Dil Fac
Analyte	Result <15.1	Qualifier U	RL 49.8			<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - Dies	Result <15.1	Qualifier U	RL 49.8	15.1		<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <15.1	Qualifier Unics (DRO) Qualifier	RL 49.8	15.1	mg/Kg		· ·	04/04/25 15:45	1 Dil Fac
Analyte Total TPH	Result <15.1 sel Range Orga	Qualifier U nics (DRO) Qualifier U	(GC)	15.1 MDL	mg/Kg		Prepared	04/04/25 15:45 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <15.1 sel Range Orga Result <14.5	Qualifier U nics (DRO) Qualifier U	(GC) RL 49.8	15.1 MDL 14.5	mg/Kg Unit mg/Kg		Prepared 04/04/25 15:16	04/04/25 15:45 Analyzed 04/04/25 15:45	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <15.1	Qualifier U nics (DRO) Qualifier U U	(GC) RL 49.8 49.8 49.8	15.1 MDL 14.5 15.1	mg/Kg Unit mg/Kg mg/Kg		Prepared 04/04/25 15:16 04/04/25 15:16	04/04/25 15:45 Analyzed 04/04/25 15:45 04/04/25 15:45	Dil Fac 1 1 1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	Result <15.1	Qualifier U nics (DRO) Qualifier U U	(GC) RL 49.8 49.8 49.8 49.8	15.1 MDL 14.5 15.1	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 04/04/25 15:16 04/04/25 15:16 04/04/25 15:16	04/04/25 15:45 Analyzed 04/04/25 15:45 04/04/25 15:45 04/04/25 15:45	1 Dil Fac 1 1 1 1 1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <15.1	Qualifier U nics (DRO) Qualifier U U	RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 49.8	15.1 MDL 14.5 15.1	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 04/04/25 15:16 04/04/25 15:16 04/04/25 15:16	Analyzed 04/04/25 15:45 04/04/25 15:45 04/04/25 15:45 04/04/25 15:45	1 Dil Fac 1 1 1

Job ID: 890-7903-1

Client: Ensolum Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Client Sample ID: SW16

Date Collected: 03/27/25 14:18 Date Received: 04/01/25 08:02

Sample Depth: 0-10

Lab Sample ID: 890-7903-5

Matrix: Solid

Matrix: Solid

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble	•					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1520	101	3.99 mg/Kg			04/04/25 03:39	10

Client Sample ID: SW17 Lab Sample ID: 890-7903-6

Date Collected: 03/27/25 14:49 Date Received: 04/01/25 08:02

Sample Depth: 0-10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00151	J	0.00200	0.00139	mg/Kg		04/02/25 08:24	04/02/25 13:04	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/02/25 08:24	04/02/25 13:04	1
Ethylbenzene	0.00140	J	0.00200	0.00109	mg/Kg		04/02/25 08:24	04/02/25 13:04	1
m-Xylene & p-Xylene	<0.00229	U	0.00401	0.00229	mg/Kg		04/02/25 08:24	04/02/25 13:04	1
o-Xylene	< 0.00159	U	0.00200	0.00159	mg/Kg		04/02/25 08:24	04/02/25 13:04	1
Xylenes, Total	<0.00229	U	0.00401	0.00229	mg/Kg		04/02/25 08:24	04/02/25 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/02/25 08:24	04/02/25 13:04	1
1,4-Difluorobenzene (Surr)	83		70 - 130				04/02/25 08:24	04/02/25 13:04	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00291	J	0.00401	0.00229	mg/Kg			04/02/25 13:04	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			04/04/25 16:01	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.1	14.5	mg/Kg		04/04/25 15:16	04/04/25 16:01	1
Diesel Range Organics (Over	<15.1	U	50.1	15.1	mg/Kg		04/04/25 15:16	04/04/25 16:01	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		04/04/25 15:16	04/04/25 16:01	1
Total TPH	<15.1	U	50.1	15.1	mg/Kg		04/04/25 15:16	04/04/25 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				04/04/25 15:16	04/04/25 16:01	1
o-Terphenyl	126		70 - 130				04/04/25 15:16	04/04/25 16:01	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		99.4	3.93	mg/Kg			04/04/25 04:13	10

Matrix: Solid

Lab Sample ID: 890-7903-7

Client Sample Results

Client: Ensolum Job ID: 890-7903-1
Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Client Sample ID: SW18

Date Collected: 03/27/25 15:12 Date Received: 04/01/25 08:02

Sample Depth: 0-10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		04/02/25 08:24	04/02/25 13:25	
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		04/02/25 08:24	04/02/25 13:25	
Ethylbenzene	0.00116	J	0.00201	0.00109	mg/Kg		04/02/25 08:24	04/02/25 13:25	
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		04/02/25 08:24	04/02/25 13:25	
o-Xylene	< 0.00159	U	0.00201	0.00159	mg/Kg		04/02/25 08:24	04/02/25 13:25	
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		04/02/25 08:24	04/02/25 13:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				04/02/25 08:24	04/02/25 13:25	-
1,4-Difluorobenzene (Surr)	89		70 - 130				04/02/25 08:24	04/02/25 13:25	
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			04/02/25 13:25	
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<15.2	U	50.3	15.2	mg/Kg			04/04/25 16:18	
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	50.3	14.6	mg/Kg		04/04/25 15:16	04/04/25 16:18	
Diesel Range Organics (Over C10-C28)	<15.2	U	50.3	15.2	mg/Kg		04/04/25 15:16	04/04/25 16:18	
Oil Range Organics (Over C28-C36)	<15.2	U	50.3	15.2	mg/Kg		04/04/25 15:16	04/04/25 16:18	
Total TPH	<15.2	U	50.3	15.2	mg/Kg		04/04/25 15:16	04/04/25 16:18	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	107		70 - 130				04/04/25 15:16	04/04/25 16:18	
o-Terphenyl	108		70 - 130				04/04/25 15:16	04/04/25 16:18	
Method: EPA 300.0 - Anions, Ior	Chromatograp	hy - Soluble	•						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Surrogate Summary

Client: Ensolum

Project/Site: FNR MOBLEY Pit

SDG: 03c2284005

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Lin
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7903-1	FS32	118	82	
390-7903-1 MS	FS32	97	100	
390-7903-1 MSD	FS32	103	101	
390-7903-2	FS33	102	88	
390-7903-3	SW14	105	94	
390-7903-4	SW15	102	88	
390-7903-5	SW16	101	87	
390-7903-6	SW17	92	83	
390-7903-7	SW18	109	89	
.CS 880-106722/1-A	Lab Control Sample	96	105	
_CSD 880-106722/2-A	Lab Control Sample Dup	106	99	
MB 880-106722/5-A	Method Blank	103	74	
Surrogate Legend				
BFB = 4-Bromofluorober	zene (Surr)			
DFBZ = 1,4-Difluorobenz	ene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7903-1	FS32	138 S1+	141 S1+	
890-7903-2	FS33	110	108	
890-7903-3	SW14	110	105	
890-7903-4	SW15	112	113	
890-7903-5	SW16	116	117	
890-7903-6	SW17	122	126	
890-7903-7	SW18	107	108	
890-7913-A-1-C MSD	Matrix Spike Duplicate	104	96	
890-7913-A-1-H MS	Matrix Spike	89	98	
890-7913-A-17-B MS	Matrix Spike	88	94	
890-7913-A-17-C MSD	Matrix Spike Duplicate	97	104	
LCS 880-106900/2-A	Lab Control Sample	103	98	
LCS 880-106901/2-A	Lab Control Sample	121	142 S1+	
LCSD 880-106900/3-A	Lab Control Sample Dup	96	96	
LCSD 880-106901/3-A	Lab Control Sample Dup	117	128	
MB 880-106900/1-A	Method Blank	121	106	
MB 880-106901/1-A	Method Blank	85	68 S1-	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Job ID: 890-7903-1 Client: Ensolum Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106722/5-A

Matrix: Solid

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

Analysis Batch: 106718

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106722

MDL Unit Dil Fac Result Qualifier RL D Prepared Analyzed <0.00139 U 0.00200 0.00139 mg/Kg 04/02/25 08:24 04/02/25 11:00 <0.00200 U 0.00200 0.00200 mg/Kg 04/02/25 08:24 04/02/25 11:00 <0.00109 U 0.00200 04/02/25 08:24 04/02/25 11:00 0.00109 mg/Kg m-Xylene & p-Xylene <0.00229 U 0.00400 0.00229 mg/Kg 04/02/25 08:24 04/02/25 11:00 0.00158 mg/Kg <0.00158 U 0.00200 04/02/25 08:24 04/02/25 11:00 Xylenes, Total <0.00229 U 0.00400 0.00229 mg/Kg 04/02/25 08:24 04/02/25 11:00

MB MB

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/02/25 08:24	04/02/25 11:00	1
1,4-Difluorobenzene (Surr)	74		70 - 130	04/02/25 08:24	04/02/25 11:00	1

Lab Sample ID: LCS 880-106722/1-A

Matrix: Solid

Analysis Batch: 106718

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106722

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1007 mg/Kg 101 70 - 130 Toluene 0.100 0.09365 mg/Kg 94 70 - 130 Ethylbenzene 0.100 0.09906 mg/Kg 99 70 - 130 70 - 130 0.200 m-Xylene & p-Xylene 0.1916 mg/Kg 96 0.100 o-Xylene 0.08942 mg/Kg 70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-106722/2-A

Matrix: Solid

Analysis Batch: 106718

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106722

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.100 0.1027 mg/Kg 103 70 - 130 2 35 Toluene 0.100 0.1031 mg/Kg 103 70 - 130 10 35 Ethylbenzene 0.100 0.1103 mg/Kg 110 70 - 130 11 35 m-Xylene & p-Xylene 0.200 0.2157 mg/Kg 108 70 - 130 12 35 o-Xylene 0.100 0.1051 mg/Kg 105 70 - 130 16 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1.4-Difluorobenzene (Surr)	99		70 ₋ 130

Lab Sample ID: 890-7903-1 MS

Matrix: Solid

Analysis Batch: 106718

Client Sample ID: FS32 Prep Type: Total/NA

Prep Batch: 106722

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00140	U	0.100	0.09541		mg/Kg		95	70 - 130	
Toluene	<0.00202	U	0.100	0.09031		mg/Kg		90	70 - 130	

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Page 13 of 31

QC Sample Results

Job ID: 890-7903-1 Client: Ensolum Project/Site: FNR MOBLEY Pit SDG: 03c2284005

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

Lab Sample ID: 890-7903-1 MS

Analysis Batch: 106718

Client Sample ID: FS32 Matrix: Solid Prep Type: Total/NA **Prep Batch: 106722**

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00110	U	0.100	0.09544		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	<0.00230	U	0.200	0.1840		mg/Kg		92	70 - 130	
o-Xylene	<0.00160	U	0.100	0.08377		mg/Kg		84	70 - 130	

MS MS

Surrogate	%Recovery Qualifie	r Limits
4-Bromofluorobenzene (Surr)	97	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 890-7903-1 MSD

Matrix: Solid

Analysis Batch: 106718

Client Sample ID: FS32 Prep Type: Total/NA Prep Batch: 106722

Sample Sample Spike MSD MSD %Rec Result Qualifier Added Result Qualifier %Rec Limits RPD Limit Analyte Unit Benzene <0.00140 U 0.100 0.09717 mg/Kg 97 70 - 130 2 35 <0.00202 U 0.08807 Toluene 0.100 mg/Kg 88 70 - 130 3 35 Ethylbenzene <0.00110 U 0.100 0.09467 mg/Kg 95 70 - 130 35 0.200 0.1800 70 - 130 35 m-Xylene & p-Xylene <0.00230 U mg/Kg 90 2 <0.00160 U 0.100 0.08177 82 70 - 130 2 o-Xylene mg/Kg

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	103	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-106900/1-A

Matrix: Solid

Analysis Batch: 106903

Client Sample ID: Method Blank Prep Type: Total/NA **Prep Batch: 106900** мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<14.5	U	50.0	14.5	mg/Kg		04/04/25 08:28	04/04/25 08:37	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<15.1	U	50.0	15.1	mg/Kg		04/04/25 08:28	04/04/25 08:37	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/04/25 08:28	04/04/25 08:37	1
Total TPH	<15.1	U	50.0	15.1	mg/Kg		04/04/25 08:28	04/04/25 08:37	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepai	red	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	04/04/25	08:28	04/04/25 08:37	1
o-Terphenyl	106		70 - 130	04/04/25	08:28	04/04/25 08:37	1

Lab Sample ID: LCS 880-106900/2-A

Matrix: Solid

Analysis Batch: 106903

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

Prep Batch: 106900

%Rec

LCS LCS Spike Added Result Qualifier Limits Analyte Unit %Rec Gasoline Range Organics 1000 738.3 mg/Kg 74 70 - 130

(GRO)-C6-C10

Client: Ensolum Job ID: 890-7903-1 Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-106900/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA **Prep Batch: 106900** Analysis Batch: 106903

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics (Over	1000	761.5		mg/Kg		76	70 - 130	
C10-C28)								

LCS LCS Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 103

o-Terphenyl 98 70 - 130 Lab Sample ID: LCSD 880-106900/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 106903 Prep Batch: 106900

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	831.1	-	mg/Kg		83	70 - 130	12	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	808.6		mg/Kg		81	70 - 130	6	20
C10-C28)									

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 96 70 - 130 o-Terphenyl 96 70 - 130

Lab Sample ID: 890-7913-A-1-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA Analysis Batch: 106903 **Prep Batch: 106900**

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	<14.5	U F1	1010	599.1	F1	mg/Kg		60	70 - 130	0	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	<15.1	U	1010	704.8		mg/Kg		70	70 - 130	5	20	
C10-C28)												

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 104 70 - 130 o-Terphenyl 96 70 - 130

> 89 98

Lab Sample ID: 890-7913-A-1-H MS Client Sample ID: Matrix Spike Matrix: Solid

Prep Batch: 106900 Analysis Batch: 106903

7 mm, 500 = m10 m 100000										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<14.5	U F1	1010	599.0	F1	mg/Kg		60	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<15.1	U	1010	742.8		mg/Kg		74	70 - 130	

C10-C28) MS MS %Recovery Qualifier Limits Surrogate 70 - 130

70 - 130

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Prep Type: Total/NA

1-Chlorooctane

o-Terphenyl

Client: Ensolum Job ID: 890-7903-1 SDG: 03c2284005 Project/Site: FNR MOBLEY Pit

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-106901/1-A

Matrix: Solid

Analysis Batch: 106905

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106901

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<14.5	U	50.0	14.5	mg/Kg		04/04/25 08:31	04/04/25 08:22	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<15.1	U	50.0	15.1	mg/Kg		04/04/25 08:31	04/04/25 08:22	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/04/25 08:31	04/04/25 08:22	1
Total TPH	<15.1	U	50.0	15.1	mg/Kg		04/04/25 08:31	04/04/25 08:22	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85	70 - 130	04/04/25 08:31	04/04/25 08:22	1
o-Terphenyl	68 S1-	70 - 130	04/04/25 08:31	04/04/25 08:22	1

ab Sample ID: LCS 880-106901/2-A

Lab Sample ID: LCS 880-106901/2-A	Client Sample ID: Lab Control Sample
Matrix: Solid	Prep Type: Total/NA
Analysis Batch: 106905	Prep Batch: 106901

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 1005 101 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1294 mg/Kg 129 70 - 130

C10-C28)

	LCS		
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenvl	142	S1+	70 - 130

Lab Sample ID: LCSD 880-106901/3-A

Matrix: Solid

Analysis Batch: 106905

Client Sam	ple ID:	Lab (Control	Sample	Dup
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Prep Type: Total/NA

Prep Batch: 106901

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	865.4		mg/Kg		87	70 - 130	15	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1167		mg/Kg		117	70 - 130	10	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	117	70 - 130
o-Terphenyl	128	70 - 130

Lab Sample ID: 890-7913-A-17-B MS

Matrix: Solid

Analysis Batch: 106905

Cliont	Sample	ID: Matrix	Cnika

Prep Type: Total/NA

Prep Batch: 106901

-	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<14.6	U F1	1010	589.3	F1	mg/Kg		58	70 - 130
Diesel Range Organics (Over	<15.2	U	1010	766.0		mg/Kg		76	70 - 130

Job ID: 890-7903-1 Client: Ensolum Project/Site: FNR MOBLEY Pit SDG: 03c2284005

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7913-A-17-B MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 106905

Prep Type: Total/NA **Prep Batch: 106901**

MS MS %Recovery Surrogate Qualifier Limits 1-Chlorooctane 88 70 - 130 o-Terphenyl 94 70 - 130

Lab Sample ID: 890-7913-A-17-C MSD Client Sample ID: Matrix Spike Duplicate

Analysis Batch: 106905

Matrix: Solid Prep Type: Total/NA **Prep Batch: 106901**

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit <14.6 U F1 1010 628.7 F1 62 70 - 1306 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1010 862.6 <15.2 U mg/Kg 85 70 - 13012 20 C10-C28)

MSD MSD %Recovery Surrogate Qualifier Limits 97 70 - 130 1-Chlorooctane 104 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106821/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 106856

мв мв Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed 10.0 Chloride <0.395 U 0.395 mg/Kg 04/03/25 23:33

Lab Sample ID: LCS 880-106821/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 106856

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 263.1 mg/Kg 105 90 - 110

Lab Sample ID: LCSD 880-106821/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 106856

Spike LCSD LCSD %Rec RPD Added Analyte Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 258.8 104 90 - 110 20 mg/Kg

Lab Sample ID: 890-7903-3 MS Client Sample ID: SW14 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 106856

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier %Rec Limits Unit F1 2510 Chloride 683 3522 F1 mg/Kg 113 90 - 110

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Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: Ensolum

Project/Site: FNR MOBLEY Pit

SDG: 03c2284005

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7903-3 MSD

Matrix: Solid

Client Sample ID: SW14

Prep Type: Soluble

Analysis Batch: 106856

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	683	F1	2510	3562	F1	mg/Kg		115	90 - 110	1	20

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QC Association Summary

Client: Ensolum Job ID: 890-7903-1 Project/Site: FNR MOBLEY Pit SDG: 03c2284005

GC VOA

Analysis Batch: 106718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Total/NA	Solid	8021B	106722
890-7903-2	FS33	Total/NA	Solid	8021B	106722
890-7903-3	SW14	Total/NA	Solid	8021B	106722
890-7903-4	SW15	Total/NA	Solid	8021B	106722
890-7903-5	SW16	Total/NA	Solid	8021B	106722
890-7903-6	SW17	Total/NA	Solid	8021B	106722
890-7903-7	SW18	Total/NA	Solid	8021B	106722
MB 880-106722/5-A	Method Blank	Total/NA	Solid	8021B	106722
LCS 880-106722/1-A	Lab Control Sample	Total/NA	Solid	8021B	106722
LCSD 880-106722/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106722
890-7903-1 MS	FS32	Total/NA	Solid	8021B	106722
890-7903-1 MSD	FS32	Total/NA	Solid	8021B	106722

Prep Batch: 106722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Total/NA	Solid	5035	
890-7903-2	FS33	Total/NA	Solid	5035	
890-7903-3	SW14	Total/NA	Solid	5035	
890-7903-4	SW15	Total/NA	Solid	5035	
890-7903-5	SW16	Total/NA	Solid	5035	
890-7903-6	SW17	Total/NA	Solid	5035	
890-7903-7	SW18	Total/NA	Solid	5035	
MB 880-106722/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106722/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106722/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7903-1 MS	FS32	Total/NA	Solid	5035	
890-7903-1 MSD	FS32	Total/NA	Solid	5035	

Analysis Batch: 106857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Total/NA	Solid	Total BTEX	
890-7903-2	FS33	Total/NA	Solid	Total BTEX	
890-7903-3	SW14	Total/NA	Solid	Total BTEX	
890-7903-4	SW15	Total/NA	Solid	Total BTEX	
890-7903-5	SW16	Total/NA	Solid	Total BTEX	
890-7903-6	SW17	Total/NA	Solid	Total BTEX	
890-7903-7	SW18	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-2	FS33	Total/NA	Solid	8015NM Prep	
890-7903-3	SW14	Total/NA	Solid	8015NM Prep	
890-7903-4	SW15	Total/NA	Solid	8015NM Prep	
MB 880-106900/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106900/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106900/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7913-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	
890-7913-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Ensolum

Job ID: 890-7903-1 Project/Site: FNR MOBLEY Pit SDG: 03c2284005

GC Semi VOA

Prep Batch: 106901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Total/NA	Solid	8015NM Prep	
890-7903-5	SW16	Total/NA	Solid	8015NM Prep	
890-7903-6	SW17	Total/NA	Solid	8015NM Prep	
890-7903-7	SW18	Total/NA	Solid	8015NM Prep	
MB 880-106901/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106901/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106901/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7913-A-17-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7913-A-17-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-2	FS33	Total/NA	Solid	8015B NM	106900
890-7903-3	SW14	Total/NA	Solid	8015B NM	106900
890-7903-4	SW15	Total/NA	Solid	8015B NM	106900
MB 880-106900/1-A	Method Blank	Total/NA	Solid	8015B NM	106900
LCS 880-106900/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106900
LCSD 880-106900/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106900
890-7913-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106900
890-7913-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	106900

Analysis Batch: 106905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Total/NA	Solid	8015B NM	106901
890-7903-5	SW16	Total/NA	Solid	8015B NM	106901
890-7903-6	SW17	Total/NA	Solid	8015B NM	106901
890-7903-7	SW18	Total/NA	Solid	8015B NM	106901
MB 880-106901/1-A	Method Blank	Total/NA	Solid	8015B NM	106901
LCS 880-106901/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106901
LCSD 880-106901/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106901
890-7913-A-17-B MS	Matrix Spike	Total/NA	Solid	8015B NM	106901
890-7913-A-17-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106901

Analysis Batch: 106952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Total/NA	Solid	8015 NM	
890-7903-2	FS33	Total/NA	Solid	8015 NM	
890-7903-3	SW14	Total/NA	Solid	8015 NM	
890-7903-4	SW15	Total/NA	Solid	8015 NM	
890-7903-5	SW16	Total/NA	Solid	8015 NM	
890-7903-6	SW17	Total/NA	Solid	8015 NM	
890-7903-7	SW18	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 106821

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Soluble	Solid	DI Leach	
890-7903-2	FS33	Soluble	Solid	DI Leach	
890-7903-3	SW14	Soluble	Solid	DI Leach	
890-7903-4	SW15	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: FNR MOBLEY Pit
SDG: 03c2284005

HPLC/IC (Continued)

Leach Batch: 106821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-5	SW16	Soluble	Solid	DI Leach	
890-7903-6	SW17	Soluble	Solid	DI Leach	
890-7903-7	SW18	Soluble	Solid	DI Leach	
MB 880-106821/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106821/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106821/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7903-3 MS	SW14	Soluble	Solid	DI Leach	
890-7903-3 MSD	SW14	Soluble	Solid	DI Leach	

Analysis Batch: 106856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7903-1	FS32	Soluble	Solid	300.0	106821
890-7903-2	FS33	Soluble	Solid	300.0	106821
890-7903-3	SW14	Soluble	Solid	300.0	106821
890-7903-4	SW15	Soluble	Solid	300.0	106821
890-7903-5	SW16	Soluble	Solid	300.0	106821
890-7903-6	SW17	Soluble	Solid	300.0	106821
890-7903-7	SW18	Soluble	Solid	300.0	106821
MB 880-106821/1-A	Method Blank	Soluble	Solid	300.0	106821
LCS 880-106821/2-A	Lab Control Sample	Soluble	Solid	300.0	106821
LCSD 880-106821/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106821
890-7903-3 MS	SW14	Soluble	Solid	300.0	106821
890-7903-3 MSD	SW14	Soluble	Solid	300.0	106821

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Job ID: 890-7903-1

SDG: 03c2284005

Project/Site: FNR MOBLEY Pit **Client Sample ID: FS32**

Client: Ensolum

Date Collected: 03/27/25 12:00 Date Received: 04/01/25 08:02 Lab Sample ID: 890-7903-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	106722	04/02/25 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106718	04/02/25 11:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106857	04/02/25 11:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106952	04/04/25 16:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106905	04/04/25 16:34	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	106901	04/04/25 16:43	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106821	04/03/25 11:00	SA	EET MID
Soluble	Analysis	300.0		5			106856	04/04/25 02:56	CH	EET MID

Client Sample ID: FS33 Lab Sample ID: 890-7903-2 Matrix: Solid

Date Collected: 03/27/25 12:04

Date Received: 04/01/25 08:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106722	04/02/25 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106718	04/02/25 11:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106857	04/02/25 11:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106952	04/04/25 16:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	106900	04/04/25 15:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106903	04/04/25 16:01	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	106821	04/03/25 11:00	SA	EET MID
Soluble	Analysis	300.0		10			106856	04/04/25 03:03	CH	EET MID

Client Sample ID: SW14

Date Collected: 03/27/25 12:06 Date Received: 04/01/25 08:02 Lab Sample ID: 890-7903-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	106722	04/02/25 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106718	04/02/25 12:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106857	04/02/25 12:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106952	04/04/25 16:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	106900	04/04/25 15:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106903	04/04/25 16:18	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106821	04/03/25 11:00	SA	EET MID
Soluble	Analysis	300.0		10			106856	04/04/25 03:10	CH	EET MID

Client Sample ID: SW15

Date Collected: 03/27/25 12:10 Date Received: 04/01/25 08:02

Lab Sample ID: 890-7903-4 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106722	04/02/25 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106718	04/02/25 12:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106857	04/02/25 12:23	AJ	EET MID

Date Received: 04/01/25 08:02

Client: Ensolum Project/Site: FNR MOBLEY Pit

Job ID: 890-7903-1

SDG: 03c2284005

Client Sample ID: SW15 Lab Sample ID: 890-7903-4 Date Collected: 03/27/25 12:10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			106952	04/04/25 16:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	106900	04/04/25 15:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106903	04/04/25 16:34	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106821	04/03/25 11:00	SA	EET MID
Soluble	Analysis	300.0		10			106856	04/04/25 03:32	CH	EET MID

Client Sample ID: SW16 Lab Sample ID: 890-7903-5

Date Collected: 03/27/25 14:18 **Matrix: Solid** Date Received: 04/01/25 08:02

Batch Batch Dil Initial Final Batch Prepared Method Prep Type Туре Run Factor Amount Amount Number or Analyzed Analyst Lab

Total/NA	Prep	5035		4.99 g	5 mL	106722	04/02/25 08:24	MNR	EET MID
Total/NA	Analysis	8021B	1	5 mL	5 mL	106718	04/02/25 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX	1			106857	04/02/25 12:44	AJ	EET MID
Total/NA	Analysis	8015 NM	1			106952	04/04/25 15:45	AJ	EET MID
Total/NA	Prep	8015NM Prep		10.04 g	10 mL	106901	04/04/25 15:16	TKC	EET MID
Total/NA	Analysis	8015B NM	1	1 uL	1 uL	106905	04/04/25 15:45	TKC	EET MID
Soluble	Leach	DI Leach		4.95 g	50 mL	106821	04/03/25 11:00	SA	EET MID
Soluble	Analysis	300.0	10			106856	04/04/25 03:39	CH	EET MID
	Total/NA Total/NA Total/NA Total/NA Total/NA Total/NA Soluble Soluble	Total/NA Analysis Total/NA Analysis Total/NA Analysis Total/NA Prep Total/NA Analysis Soluble Leach	Total/NA Analysis 8021B Total/NA Analysis Total BTEX Total/NA Analysis 8015 NM Total/NA Prep 8015NM Prep Total/NA Analysis 8015B NM Soluble Leach DI Leach	Total/NA Analysis 8021B 1 Total/NA Analysis Total BTEX 1 Total/NA Analysis 8015 NM 1 Total/NA Prep 8015NM Prep Total/NA Analysis 8015B NM 1 Soluble Leach DI Leach	Total/NA Analysis 8021B 1 5 mL Total/NA Analysis Total BTEX 1	Total/NA Analysis 8021B 1 5 mL 5 mL Total/NA Analysis Total BTEX 1	Total/NA Analysis 8021B 1 5 mL 5 mL 106718 Total/NA Analysis Total BTEX 1 - 106857 Total/NA Analysis 8015 NM 1 - 106952 Total/NA Prep 8015 NM Prep 10.04 g 10 mL 106901 Total/NA Analysis 8015B NM 1 1 uL 1 uL 106905 Soluble Leach DI Leach 4.95 g 50 mL 106821	Total/NA Analysis 8021B 1 5 mL 5 mL 106718 04/02/25 12:44 Total/NA Analysis Total BTEX 1 - 106857 04/02/25 12:44 Total/NA Analysis 8015 NM 1 - 106952 04/04/25 15:45 Total/NA Prep 8015 NM Prep 10.04 g 10 mL 106901 04/04/25 15:16 Total/NA Analysis 8015 NM 1 1 uL 1 uL 106905 04/04/25 15:45 Soluble Leach DI Leach 4.95 g 50 mL 106821 04/03/25 11:00	Total/NA Analysis 8021B 1 5 mL 5 mL 106718 04/02/25 12:44 MNR Total/NA Analysis Total BTEX 1 - 106857 04/02/25 12:44 AJ Total/NA Analysis 8015 NM 1 - 106952 04/04/25 15:45 AJ Total/NA Prep 8015NM Prep 10.04 g 10 mL 106901 04/04/25 15:16 TKC Total/NA Analysis 8015B NM 1 1 uL 1 uL 106905 04/04/25 15:45 TKC Soluble Leach DI Leach 4.95 g 50 mL 106821 04/03/25 11:00 SA

Client Sample ID: SW17 Lab Sample ID: 890-7903-6

Date Collected: 03/27/25 14:49 **Matrix: Solid** Date Received: 04/01/25 08:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	106722	04/02/25 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106718	04/02/25 13:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106857	04/02/25 13:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106952	04/04/25 16:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	106901	04/04/25 15:16	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106905	04/04/25 16:01	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106821	04/03/25 11:00	SA	EET MID
Soluble	Analysis	300.0		10			106856	04/04/25 04:13	CH	EET MID

Client Sample ID: SW18 Lab Sample ID: 890-7903-7

Date Collected: 03/27/25 15:12 **Matrix: Solid** Date Received: 04/01/25 08:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106722	04/02/25 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106718	04/02/25 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106857	04/02/25 13:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106952	04/04/25 16:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	106901	04/04/25 15:16	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106905	04/04/25 16:18	TKC	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: FNR MOBLEY Pit
SDG: 03c2284005

Client Sample ID: SW18

Lab Sample ID: 890-7903-7

Matrix: Solid

Date Collected: 03/27/25 15:12 Date Received: 04/01/25 08:02

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	106821	04/03/25 11:00	SA	EET MID
Soluble	Analysis	300.0		10			106856	04/04/25 04:20	CH	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Ensolum
Project/Site: FNR MOBLEY Pit
SDG: 03c2284005

Laboratory: Eurofins Midland

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

Authority	Progra	ım	Identification Number	Expiration Date
Texas	NELAF)	T104704400	06-30-25
,	are included in this report, bu	t the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Total TPH	

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Method Summary

Job ID: 890-7903-1 Client: Ensolum Project/Site: FNR MOBLEY Pit

SDG: 03c2284005

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum

Project/Site: FNR MOBLEY Pit

Job ID: 890-7903-1

SDG: 03c2284005

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7903-1	FS32	Solid	03/27/25 12:00	04/01/25 08:02	4
890-7903-2	FS33	Solid	03/27/25 12:04	04/01/25 08:02	4
890-7903-3	SW14	Solid	03/27/25 12:06	04/01/25 08:02	0-4
890-7903-4	SW15	Solid	03/27/25 12:10	04/01/25 08:02	0-4
890-7903-5	SW16	Solid	03/27/25 14:18	04/01/25 08:02	0-10
890-7903-6	SW17	Solid	03/27/25 14:49	04/01/25 08:02	0-10
890-7903-7	SW18	Solid	03/27/25 15:12	04/01/25 08:02	0-10

Total 200.7 / 6010

200.8 / 6020

8RCRA 13PPM

Texas 11 Al Sb

Ş Ва Be B

Cd Ca Cr Co

Cu Fe Pb Mg Mn Mo Ni

ス Se

Ag SiO₂ Na Sr Tl Sn U

1631 / 245.1 / 7470 / 7471

eurofins 🔆

Xenco **Environment Testing**

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Work Order No:

Reporting: Level Deliverables: EDI State of Project: Program: UST/F

WWW YORK 890-7903 Chain of Custody Other:

Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time		Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 243.1 / / 1470 / / 1471
---	--	--

8:02

Zn Acetate+NaOH: Zn Na₂S₂O₃: NaSO₃ NaHSO₄: NABIS H₃PO₄: HP H₂S0₄: H₂ HCL: HC

NaOH+Ascorbic Acid: SAPC

Sample Comments

SAMPLE RECEIPT

Temp Blank:

No No

Wet Ice:

Parameters

<u>Z</u>

Thermometer ID:

Cooler Custody Seals: Samples Received Intact:

Yes No Yes No

Correction Factor:

1.01 Mrs Yes) No

NIA

Temperature Reading:

Corrected Temperature:

ample Custody Seals:

Sample Identification

Matrix

Date Sampled

Time Sampled

Depth

Grab/

of Cont

Chlorides

BTEX

Comp

SW16 SW17

SW18

3/27/2025 3/27/2025

> 1449 1418

Comp

1512

0-10' 0-10' 0-10' 94 0-4

Comp

3/27/2025 3/27/2025 3/27/2025 3/27/2025 3/27/2025

1210

Comp

Comp

Comp

1206

1204

Comp Comp

1200

SW15 SW14

FS33 FS32 Project Location:

32.296335, -103.924876

Due Date: ☐ Routine

72-hrs

the lab, if received by 4:30pm TAT starts the day received by

Alex Ferrell

Project Number: Project Name: City, State ZIP:

432-296-0627 Carlsbad, NM 88220 3122 National Parks Hwy

Email: jreich@ensolum.com

City, State ZIP:

Company Name: Bill to: (if different)

Address:

Turn Around

ANALYSIS REQUEST

None: NO

DI Water: H₂O

Preservative Codes

Ceel: Cee

HNO3: HN MeOH: Me

NaOH: Na

☑ Rush

Code

FNR Mobley Pit 03C2284005

ddress:

Project Manager: Company Name:

Ensolum, LLC Jeremy Reich

Sampler's Name:

evised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-7903-1

SDG Number: 03c2284005

Login Number: 7903 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

. 207 OJ 320

1

3

4

6

8

10

12

13

14

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-7903-1

SDG Number: 03c2284005

List Source: Eurofins Midland
List Number: 2
List Creation: 04/02/25 08:24 AM

Creator: Rios, Minerva

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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

ge 200 0j 320

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-7903-1 SDG Number: 03c2284005

Login Number: 7903 **List Source: Eurofins Midland** List Number: 3

List Creation: 04/04/25 05:01 PM

Creator: Kramer, Jessica

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	True	

Page 31 of 31 Released to Imaging: 8/6/2025 1:35:55 PM

4/4/2025

<6mm (1/4").



APPENDIX E

Waste Manifests

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name Book Molasdoe

Phone No.

Pa	GE	NERATOR	NO. HW- 755448
Address	No FARMACI	Location of Origin Lease/Well Name & No. County API No.	NR Fort 28H Eddy 32-515-505-900
City, State, Zip Phone No.		Rig Name & No. — AFE/PO No. —	2502140252
	EMPT E&P Waste/Service Identification and Am		e type in barrels or cubic yards)
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Nor Produced Water (Non-Injectable) Gathering Line Water/Waste (No INTERNAL USE ONLY Truck Washout (exempt waste)	n-Injectable)	OTHER EXEMPT E&P WASTE STREAMS TOP SOIL & CALICHE SALES OUANTITY TOP SOIL CALICHE
WASTE GENERATION PROCESS:	☐ DRILLING ☐ COMPLETION		GATHERING LINES
		ste/Service Identification and Amount	
Non-Exempt Other	on-exempt E&P waste must be analysed and be below	NAME AND ADDRESS OF TAXABLE PARTY OF TAXABLE PARTY.	gnitability, Corrosivity and Heactivity, from Non-Exempt Waste List on back
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y-YARDS E-EACH
RCRA NON-EXEMPT:	40 CFR 261.21-261.24, or listed hazardous waste as waste as non-hazardous is attached. (Check the app MSDS Information	defined by 40 CFR, part 261, subpar propriate items as provided) CRA Hazardous Waste Analysis has been ordered by the Department	waste hazardous by characteristics established in RCRA regulations, it D, as amended. The following documentation demonstrating the Other (Provide Description Below) of Public Safety (the order, documentation of non-hazardous waste
(PRINT) AUTHORIZED	AGENTS SIGNATURE	DATE	SIGNATURE
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named m.	TRAI	Driver's Name Print Name Phone No. Truck No. Isted above and delivered without in	cident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STA	MP DISPOS	SAL FACILITY	RECEIVING AREA Name/No
Address 6601 Hobbs Hw NORM READING	cility / NM1-006 y US 62 / 180 Mile Marker 66 Carlsbad, NM 88220 S TAKEN? (Circle One) YES NO ER TEST? (Circle One) YES NO		5-392-6368) micro roentgents? (Circle One) YES. NO
Feet Feet Pect Guage Peceived	Inches	BS&W/BB	S Received BS&W (%) Free Water al Received
Bigreby certify that the above load mate	NAME AND ADDRESS OF THE OWNER, TH	THE RESERVE AND ADDRESS OF THE PARTY OF THE	

M/hito - R360 ORIGINIAL

Vollow TRANSDOUTED PORV



(PLEASE PRINT)

REQUIRED INFORMATION

CALL DETURN TO GENERATOR

Compar	y Man Contact Information
Name :	
Phone !	BUSER Malandas

a shrunna		GENER	ATOR	NO. HV	7037525
Generator Manifest #Generator Name AddressGenerator Name	Now FREAZY		Location of Origin Lease/Well Name & No. County API No. Rig Name & No.	FAIR Food 4081 FAIR FOOD 50000	y.
Phone No.			AFE/PO No		
EX	KEMPT E&P Waste/Service Ide	ntification and Amount (place volume next to was	ste type in barrels or cubic yard OTHER EXEMPT E&P WASTE	S) CTREAMS
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	Washout W. Completion Produced W Gathering Li INTERNAL !	out (exempt waste)		TOP SOIL & CALICHE SALES QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION			
All Non-Exempt Other	NO non-exempt E&P waste must be ar	ON-EXEMPT E&P Waste/Se nalysed and be below thres	rvice Identification and Amo hold limits for toxicity (TCLP *please selec	ount j, Ignitability, Corrosivity adn React ot from Non-Exempt Waste List	vity. on back
DISPOSAL QUANTITY I hereby certify that the above listed in	B - BARR		L - LIQUID	20 Y-YARDS	E - EACH
RCRA NON-EXEMPT: EMERGENCY NON-OILFIELD	40 CFR 261.21-261.24, or liste waste as non-hazardous is att MSDS Information	d hazardous waste as definition of the definitio	ate items as provided) Hazardous Waste Analysis Harardous Waste Analysis	Other (tics established in RCRA regulation documentation demonstrating the Provide Description Below) mentation of non-hazardous waste
	ED AGENTS SIGNATURE		ATE	SIGNATURE	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named	Tex Max		PORTER Driver's Name Print Name Phone No. Truck No. above and delivered withou	at incident to the disposal facility li	TANES_
	DRIVER'S SIGNATI		DELIVERY DATE		VER'S SIGNATURE
TRUCK TIME S		THE RESERVE TO A PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	L FACILITY	Name/No	NG AREA
Address 6601 Hobbs NORM READI	100	ES NO	Thomas 140.	575-392-6368 > 50 micro roentgents? (Circle (One) YES NO
PASS THE PAINT	FILTER TEST? (Circle One) Y	ES NO	OTTOMS		
St Guage and Gua	Inche			/BBLS Received Free Water Total Received	BS&W (%)
hereby certify that the above load of NAME (PRINT)	naterial has been (circle one):	ACCEPTED	DENIED	f denied, why?	SIGNATURE

(PLEASE PRINT)

REQUIRED INFORMATION

				rmation
Name	Bro	oh.	med	< /

Name	Brook Mule 1
Phone	No

Generator Manifest #	GENERATOR	NO.HW- 717717
Senerator Manifest #	Location of Origin	121121
Generator Name New Wave Fre	Lease/Well	MR E. J # 2×14
Address	Name & No. County Inc. A	UAPP 2502160252
Addiess	API No.	10-015-505900
City, State, Zip	Rig Name & No.	
Phone No.	AFE/PO No. —	
	ce Identification and Amount (place volume next to waste	
2014 MODEL OF THE PROPERTY OF	INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Water Based Muds Come	out Water (Non-Injectable)	A II A S
Water Based Cuttings Produ	ced Water (Non-Injectable)	Bell, Dof
Tank Bottoms	ring Line Water/Waste (Non-Injectable)	TOP SOIL & CALICHE SALES
Extr Containinated 3011	Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
WASTE GENERATION PROCESS: DRILLING	☐ COMPLETION ☐ PRODUCTION	
	NON-EXEMPT E&P Waste/Service Identification and Amoun	
All non-exempt E&P waste mus	be analysed and be below threshold limits for toxicity (TCLP), ig	nitability, Corrosivity adn Reactivity.
Non-Exempt Other	*please select t	rom Non-Exempt Waste List on back
DISPOSAL QUANTITY B-	BARRELS L-LIQUID 2 D	Y - YARDS E - EACH
I hereby certify that the above listed material(s), is (are) not hazard		
packaged, and is in proper condition for transportation according to	applicable regulation.	
RCRA EXEMPT: Oil field wastes generate per load basis only)	d from oil and gas exploration and production operation and are	not mixed with non-exempt waste (R360 Accepts certifications on a
<u> </u>	non-hazardous that does not exceed the minimum standards for	waste hazardous by characteristics established in RCRA regulations,
40 CFR 261.21-261.24, o	listed hazardous waste as defined by 40 CFR, part 261, subpart	D, as amended. The following documentation demonstrating the
MSDS Information	is attached. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis	Other (Provide Description Below)
The state of the s		of Public Safety (the order, documentation of non-hazardous waste
determination and a des	cription of the waste must accompany this form)	
(PRINT) AUTHORIZED AGENTS SIGNATURE		
(FRINT) AUTHORIZED AGENTS SIGNATURE	TRANCROPTER	SIGNATURE
Transporter's C 7	TRANSPORTER	7
Name DC \ / \ / M C /	Driver's Name	lene loare
Phone No.	Print Name Phone No.	
Transporter Ticket #	Truck No.	6
I hereby certify that the above named material(s) was/were picked		ident to the disposal facility listed below.
SHIPMENT DATE DRIVER'S SI	4-7-1-	
		DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:		Name/No. O O
Site Name/ Permit No. Halfway Facility / NM1-006	575	-392-6368
address 6601 Hobbs Hwy US 62/180 Mile Marker	Phone No. <u>575</u>	-392-0300
		mises resultante? (Circle One) VES NO
NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One)	YES NO	micro roentgents? (Circle One) YES NO
3.	The second secon	
Feet In St Guage	TANK BOTTOMS	
S st Guage	BS&W/BBLS	Received BS&W (%)
Sand Guage		ree Water
Received	Tota	Received
ereby certify that the above load material has been (circle one):	ACCEPTED DENJED If denie	ad, why?
3 HUMANON P	1-1105 11014	
NAME (PRINT)	, DATE. TITLE	SIGNATURE
NAME (PRINT) White - R360 ORIGINA White - R360 ORIGINA	Yellow- TRANSPORTER COPY Pink- GENERATOR SIT	E COPY Gold- RETURN TO GENERATOR 308.R360-5240LE rev 08/23
R		3V8.R30U-324ULE 16V U8/23



(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man	Contact	Information
Name 💆	Port	KM	whenly

Phone No.

Comments Advantages a		GENERA	TOR	NO.	W- 739	279
Generator Manifest #		1	ocation of Origin		193	312
Generator Name	Les France		ease/Well ame & No.	FUR Food	中心原丛	
Address	57		ounty	JAPP 7 502	11.00.5	1
0(4) 0(4) 7(4)			PI No.	30-075-	50500	D
City, State, Zip Phone No.			g Name & No.			9
	MPT F&P Waste/Service Ident		FE/PO No			
On Dascu Millios	MPT E&P Waste/Service Identi NON-INJECTAL	BLE WATERS	e volume next to waste	OTHER EXEMPT E&P WAS	rds)	
Oil Based Cuttings Water Based Muds	Washout Water	er (Non-Injectable) rid/Flow Back (Non-Injectable		OTTIET EXEIVIET EXE VIAG	TE OTHERWIA	
Water Based Cuttings Produced Formation Solids	Produced Water	er (Non-Injectable)	1	Bella D	L. P	
Tank Bottoms E&P Contaminated Soil	Gathering Line INTERNAL USE	Water/Waste (Non-Injectable		TOD COUR CALVAIR CAR	/	
Gas Plant Waste			ES NO	TOP SOIL & CALICHE SALES OUANTITY	TOP SOIL	CALICHE
WASTE GENERATION PROCESS:	☐ DRILLING ☐	COMPLETION	PRODUCTION	GATHERIN		CALIGHE
	NON-	EXEMPT EXP Macta/Sanica	dentification and Assessed			
Non-Exempt Other	n-exempt E&P waste must be analys	sed and be below threshold to	mits for toxicity (TCLP), fg	nitability, Corrosivity adn Fleac	tivity,	
			*please select fi	om Non-Exempt Waste Lis	t on back	
DISPOSAL QUANTITY	B - BARRELS	L-U		Y - YARDS	E - EAC	н
I hereby certify that the above listed mater packaged, and is in proper condition for tra	rial(s), is (are) not hazardous waste	as defined by 40 CFR Part 26	1 or any applicable state	aw. That each waste has been	properly described,	classified and
RCRA EXEMPT:	Oil field wastes generated from oil	ie regulation.				
The state of the s	Lan carrier agents south					
And the second second second	Oil field waste which is non-hazard 40 CFR 261.21-261.24, or listed haz			aste hazardous by characteris D. as amended. The following	tics established in Ri	CRA regulations,
	waste as non-hazardous is attache MSDS Information	u. (Check the appropriate iter	ns as provided) us Waste Analysis			
- Company of the Comp	Emergency non-hazardous, non-oilf			Other ()	Provide Description B	elow)
	determination and a description of	the waste must accompany t	nis form)	rublic safety (the order, docu	mentation of non-haz	ardous waste
(PRINT) AUTHORIZED AGE	ENTS SIGNATURE	0.00				
	THE CONTRACTOR OF THE CONTRACT	TRANSPOR	TED I	SIGNATURE	_	
Transporter's Name	No Maria	140.00		. /		
Address	N 18111	Driv	er's Name	the Osine		
Phone No.		170	t Name			
		Prin	t Name ne No			
Transporter Ticket #		Prir	ne No.	la .		
	rial(s) was/were picked up at the G	Prir	ne No.	ent to the disposal facility list	ed below.	
Transporter Ticket #	erial(s) was/were picked up at the G DRIVER'S SIGNATURE	Prir	ne No.	-	ed below.	
Transporter Ticket # I hereby certify that the above named mater	DRIVER'S SIGNATURE	Prir	ne No. k No. delivered without incident of the control of the co	DRIVI	R'S SIGNATURE	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE	DRIVER'S SIGNATURE	Prir Pho Trud ienerator's site listed above a	ne No. k No. nd delivered without incid DELIVERY DATE	RECEIVIN	R'S SIGNATURE	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAN IN:OUT:	DRIVER'S SIGNATURE	Prir Pho Trud ienerator's site listed above a	ne No. k No. nd delivered without incid DELIVERY DATE	DRIVI	R'S SIGNATURE	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAN IN:OUT:	DRIVER'S SIGNATURE MP lity / NM1-006	Prin Pho Truckienerator's site listed above a DISPOSAL FA	ne No. k No. nd delivered without incid DELIVERY DATE	RECEIVIN	R'S SIGNATURE	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAN IN:OUT:	DRIVER'S SIGNATURE AP Lity / NM1-006 S 62 / 180 Mile Marker 66 Carlsba	Prin Pho Truck Prin Pho Truck Pho	DELIVERY DATE CILITY DE NO. 575-3	RECEIVIN Name/No.	ER'S SIGNATURE G AREA	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAN IN:OUT:	DRIVER'S SIGNATURE MP Lity / NM1-006 IS 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES	Prin Pho Truc Senerator's site listed above a DISPOSAL FA Photo P	DELIVERY DATE CILITY DE NO. 575-3	RECEIVIN	ER'S SIGNATURE G AREA	NO STATE OF THE PROPERTY OF TH
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAN IN:OUT:	DRIVER'S SIGNATURE MP Lity / NM1-006 IS 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES	Prin Pho Trustienerator's site listed above a DISPOSAL FA DISPOSAL FA Photographic Photographi	ne No. DELIVERY DATE CILITY ne No. 575-3 S, was reading > 50 m	RECEIVIN Name/No.	ER'S SIGNATURE G AREA	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAM IN: OUT: Ite Name/ Frmit No. Iddress Halfway Facil 6601 Hobbs Hwy U: NORM READINGS TA PASS THE PAINT FILTER	DRIVER'S SIGNATURE MP Lity / NM1-006 IS 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES	Prin Pho Truc Senerator's site listed above a DISPOSAL FA Photo P	ne No. DELIVERY DATE CILITY ne No. 575-3 S, was reading > 50 m	RECEIVIN Name/No.	ER'S SIGNATURE G AREA	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAM IN: OUT: Ite Name/ ermit No. ddress Halfway Facil 6601 Hobbs Hwy U: NORM READINGS TA PASS THE PAINT FILTER	DRIVER'S SIGNATURE AP Lity / NM1-006 S 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES TEST? (Circle One) YES	Prin Pho Trustienerator's site listed above a DISPOSAL FA DISPOSAL FA Photography of the principle of the photography of the	ne No. ck No. nd delivered without incid DELIVERY DATE CILITY ne No. 575-3 S, was reading > 50 m DIMS BS&W/BBLS 1	RECEIVIN Name/No. 192-6368 icro roentgents? (Circle On	ER'S SIGNATURE G AREA	
Transporter Ticket #	DRIVER'S SIGNATURE AP Lity / NM1-006 S 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES TEST? (Circle One) YES	Prin Pho Trustienerator's site listed above a DISPOSAL FA DISPOSAL FA Photography of the principle of the photography of the	ne No. DELIVERY DATE CILITY ne No. 575-3 S, was reading > 50 m DMS	RECEIVIN Name/No. 192-6368 icro roentgents? (Circle One	ER'S SIGNATURE G AREA B) YES	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAN IN: OUT: Ite Name/ ermit No. Iddress Halfway Facil 6601 Hobbs Hwy U: NORM READINGS TA PASS THE PAINT FILTER Feet Feet Feet	DRIVER'S SIGNATURE MP Lity / NM1-006 S 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES TEST? (Circle One) YES Inches	Prin Pho Truck interestor's site listed above a DISPOSAL FA May 10, NM 88220 NO If YE NO TANK BOTTO	DELIVERY DATE CILITY THE NO. 575-3 S, was reading > 50 m DIMS BS&W/BBLS 6 Free Total 6	RECEIVIN Name/No. 192-6368 icro roentgents? (Circle On	ER'S SIGNATURE G AREA B) YES	
Transporter Ticket #	DRIVER'S SIGNATURE MP Lity / NM1-006 S 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES TEST? (Circle One) YES Inches	Prin Pho Trustienerator's site listed above a DISPOSAL FA DISPOSAL FA Photography of the principle of the photography of the	ne No. DELIVERY DATE CILITY ne No. 575-3 S, was reading > 50 m DMS	RECEIVIN Name/No. 192-6368 icro roentgents? (Circle On	ER'S SIGNATURE G AREA B) YES	
Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAN IN: OUT: Ite Name/ ermit No. Indidess	DRIVER'S SIGNATURE AP Lity / NM1-006 S 62 / 180 Mile Marker 66 Carlsba AKEN? (Circle One) YES TEST? (Circle One) YES Inches has been (circle one): ACC	Prin Pho Truck interestor's site listed above a DISPOSAL FA May 10, NM 88220 NO If YE NO TANK BOTTO	DELIVERY DATE CILITY THE NO. 575-3 S, was reading > 50 m DIMS BS&W/BBLS 6 Free Total 6	RECEIVIN Name/No	ER'S SIGNATURE G AREA B) YES	



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Compa	ny Man Co	ontact I	nformation
Name		M	-/
A	Parallel St.	255.2	Local Control

hereby certify that the above listed material(s), is (are) not hazardous wast as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and six in proper condition for transportation according to applicable regulation. GRAR ACKEMPT:				-		rhone No
City, State, 2 p Phone No. EXEMPTEER PWastor/Services Identification and Amount (pilcon volume next to waste type in trumpto or cubic yards) Oil Search Musts Oil Search Musts Completion Fluid/Fluid Search Fluid Pluid Note Indentification and Amount (pilcon volume next to waste type in trumpto or cubic yards) Oil Search Musts Completion Fluid/Fluid Search Fluid Pluid Note Indentification and Amount (pilcon volume next to waste type in trumpto or cubic yards) Oil Search Musts Completion Fluid/Fluid Search Fluid Fluid Flui	Operators Name	Wow Frency	Po Le N	ermit/RRC Noease/Well ame & No	NO.	359480
Windows Wind			Al Ri	PI No g Name & No FE/PO No	30-015-50	E900
Gas Plant Wester Track Wester	Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	Washout V Completio Produced V Gathering	:CTABLE WATERS Water (Non-Injectable) n Fluid/Flow Back (Non-Injectable) Water (Non-Injectable) Line Water/Waste (Non-Injectable		OTHER EXEMPT WASTES (ype and generation process of the waste)
Non-Exempt Other	Gas Plant Waste			☐ PRODUCTION	1 /	
DUANTITY B-BARRELS Y-YARDS E-EACH hereby corrity that the above isted material(st, is (ane) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and ackaged, and is in proper condition for transportation according to applicable regulation. GRAR EXEMPT: Oil field wasters generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) GRAR NON-EXEMPT: Oil field wasters generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field wasters generated from oil and gas exploration accepts the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261 21-261 24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous state-ded. (Check the appropriate items as provided items as pro	Non-Exempt Other	N Il non-exempt E&P waste must be a	ON-EXEMPT E&P Waste/Service I nalysed and be below threshold lin	mits for toxicity (TCLP), I	gnitability, Corrosivity adn Reac	tivity.
hereby certify that the above listed material(s), is (are) not hazardous wasto as defined by 40 CFR Part Z61 or any applicable state law. That each waste has been properly described, classified and available, and is in proper condition for transportation according to applicable regulation.	QUANTITY	B-BARRE	ELS			
TRANSPORTER TRANSPORTER TRANSPORTER Driver's Name Phone No. Truck No. WHP No. WHP No. TRUCK TIME STAMP TRUCK TIME STAMP OUT: OUT: Fried Name/No. Red Bluff Facility / STF-065 OUT: Truck No. Name/No. TRUCK TIME STAMP OUT: Truck No. Name/No. TRUCK TIME STAMP OUT: TRU		waste as non-hazardous is att. MSDS Information	ached. (Check the appropriate item	ns as provided)	D, as amended. The following	documentation demonstrating the
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE TRUCK TIME STAMP IN: OUT: te Name/ rmit No. Idress NORM READINGS TAKEN? (Circle One) YES NO NORM READINGS TAKEN? (Circle One) YES NO NORM (mR/hr) TANK BOTTOMS Feet Inches BS&W Received BS&W (%) Free Water Total Received NAME (BBWT) NAME (BBWT) NAME (BBWT)	Transporter's Name Address Phone No.	Tr = Ado,	TRANSPOR Driv Pho Truc	rer's Name K	one Godes	
TRUCK TIME STAMP IN: OUT: te Name/ rmit No. Idress NORM READINGS TAKEN? (Circle One) NORM READINGS TAKEN? (Circle One) TANK BOTTOMS Feet Saw Received BS&W Received	hereby certify that the above named	material(s) was/were picked up at t	the Generator's site listed above a	nd delivered without inc	ident to the disposal facility list	ed below.
Red Bluff Facility / STF-065 5053 US Hwy 285, Orla, TX 79770 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) YES NO NORM (mR/hr) TANK BOTTOMS Feet Inches Gaage Gaa	TRUCK TIME S	TAMP	The second secon	CILITY	RECEIVIN	G AREA
Feet Inches Guage d Guage ceived BS&W Received BS&W (%) Free Water Total Received Tot	ddress Red Bluff I	wy 285, Orla, TX 79770		ne No. 432-	448-4239	
Feet Inches Guage d Guage ceived BS&W Received BS&W (%) Free Water Total Received Tot	NORM READING	GS TAKEN? (Circle One) YES	NOR	M (mR/hr)	nicro roentgents? (Circle On	e) YES NO
reby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?	Guage Feet Guage Cerived	Inches	TANK BOTTO	BS&W Fr	ree Water	BS&W (%)
(MAME (PRINT)) DATE TITLE SIGNATURE	ereby certify that the above load mat	erial has been (circle one):	ACCEPTED DENIED	If denie	d, why?	



(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man	Contact	In	form	nation
Name 2	Plant	k /	4	H	10

Phone No.

		GENERA	TOR		NO. HW- 739	874
Generator Manifest # Generator Name Address	on Fastery	N C	ocation of Origin ease/Well lame & No. ounty Pl No.	NR Fea	#28H 502/602	.52
City, State, Zip Phone No.		R	ig Name & No. FE/PO No.			
	MPT E&P Waste/Service Ident	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED	The second secon	aste type in barrels o	or cubic yards)	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	Completion Flu Produced Water	er (Non-Injectable) id/Flow Back (Non-Injectable er (Non-Injectable) Water/Waste (Non-Injectabl		OTHER EXEMP	T E&P WASTE STREAMS	
E&P Contaminated Soil Gas Plant Waste	The second secon		ES NO	QUANTITY	TOP SOIL	CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTI	ON 🔲	GATHERING LINES	
All no	NON- n-exempt E&P waste must be analy	EXEMPT E&P Waste/Service sed and be below threshold I	imits for toxicity (TCL)	ount P), Ignitability, Corrosivi oct from Non-Exempt		
DISPOSAL QUANTITY	B - BARRELS	L-L	IQUID 7		E-	EACH
☐ EMERGENCY NON-OILFIELD	waste as non-hazardous is attach MSDS Information Emergency non-hazardous, non-oi determination and a description of	RCRA Hazard	lous Waste Analysis dered by the Departmo	ent of Public Safety (the	Other (Provide Description of nor	
(PRINT) AUTHORIZED A	GENTS SIGNATURE	DATE	_		SIGNATURE	
ransporter's Name Address Phone No. ransporter Ticket #	y Max	Pr Ph	RTER iver's Name int Name ione No uck No	Ren (SAPL	
hereby certify that the above named ma	terial(s) was/were picked up at the	Generator's site listed above	and delivered withou	incident to the dispos	al facility listed below	
TRUCK TIME STA	DRIVER'S SIGNATURE	DISPOSAL FA	ACILITY	Name/No	DRIVER'S SIGNATURE RECEIVING AREA	
ddress 6601 Hobbs Hwy NORM READINGS	ility / NIVI1-006 US 62 / 180 Mile Marker 66 Carls TAKEN? (Circle One) YES	NO If		75-392-6368 50 micro roentgents	? (Circle One) YES	NO
PASS THE PAINT FILTE	R TEST? (Circle One) YES	TANK BOTT	OMS			
st Guage eceived	Inches	7,111,10011	BS&W/E	BLS Received Free Water Total Received	BS&W (%	
ereby certify that the above load materi	al has been (circle one):	CCEPTED DENIE	D III	lenied, why?	SIGNATURE	



NAME (PRINT)

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name

s	L	ı	4		0.1	i.			
1	n	o	n	е	N	O	7		

	GENI	ERATOR	NO.	HW- 739875
Generator Manifest #	Energy	Location of Origin Lease/Well Name & No. County API No. Rig Name & No.	VR Fed #	28H 60252 505900
Phone No. ———————————————————————————————————		AFE/PO No. —	in hereals as subjects	ardel
NAME AND ADDRESS OF THE OWNER, WHEN PERSON NAMED IN COLUMN 2 IS NOT THE OWNER,	aste/Service Identification and Amou	nt (place volume next to waste	OTHER EXEMPT E&P WA	STE STREAMS
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-In Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-I INTERNAL USE ONLY Truck Washout (exempt waste)	-		DUR
WASTE GENERATION PROCESS: DRII	LING COMPLETION	☐ PRODUCTION	GATHER	RING LINES
	NON-EXEMPT E&P Waste waste must be analysed and be below th	/Service Identification and Amour reshold limits for toxicity (TCLP), Is *please select	it onitability, Corrosivity adn Re from Non-Exempt Waste L	activity. ist on back
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID 2	O Y - YARDS	E - EACH
40 CFR 261.3 waste as no MSDS Inform EMERGENICY NON-OH FIFL D Emergenicy I	te which is non-hazardous that does not ecceptable. The which is non-hazardous waste as don-hazardous is attached. (Check the appropriation RCR non-hazardous, non-oilfield waste that has on and a description of the waste must accept the control of the control of the waste must accept the control of the con	efined by 40 CFH, part 251, suppart opriate items as provided) (A Hazardous Waste Analysis (a been ordered by the Department	t D, as amended. The following Other	er (Provide Description Below)
		DATE	SIGNATUR	E
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/	TRAN	Driver's Name Print Name Phone No. Truck No.	ncident to the disposal facility	y listed below.
Thereby certify that the above named materials, vvas	MOUNTELL	Y=1-1	and the same of th	DRIVER'S SIGNATURE
TRUCK TIME STAMP IN: OUT: tte Name/ ermit No. Halfway Facility / NN	11-006	AL FACILITY Phone No. 57	The state of the s	e One) YES NO
MORM READINGS TAKEN? (C) PASS THE PAINT FILTER TEST? (C)		If YES, was reading > 5	0 micro roentgents? (Circl	e One) YES NO
6	TANK	BOTTOMS		
st Guage Feet 2nd Guage Received	Inches	BS&W/BB	SLS Received Free Water otal Received	BS&W (%)
hereby certify that the above load material has been	(circle one): ACCEPTED	DENIED If de	anied, why?	SIGNATURE

(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man Contact Informati	on
Name	- 4 motons	·

Phone No.

Page	GEN	ERATOR	NO. HW- 7547	67
Generator Manifest #	Foreign	Location of Origin		0.1
Generator Name Address		Name & No.	NR Fed 28 H	
		API No.	5-015-608900	
City, State, Zip		Rig Name & No.	509/109/2	
Phone No. EXEMPT E&P	Waste/Service Identification and Amou	AFE/PO No.	THE STATE OF THE S	
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS	in thidee volume liest to waste	OTHER EXEMPT E&P WASTE STREAMS	
Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-In	jectable)		
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)	njectable)	Belly Dump	
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	10000
Gas Plant Waste WASTE GENERATION PROCESS: Di	Truck Washout (exempt waste) RILLING COMPLETION	YES NO PRODUCTION	QUANTITY TOP SOIL C	ALICHE
Where distribution in the second		Service Identification and Amount		
All hon-exempt E8 Non-Exempt Other	P waste must be analysed and be below thr	eshold limits for toxicity (TCLP), Ig.	nitability, Corrosivity adn Reactivity.	
		*please select fi	om Non-Exempt Waste List on back	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y-YARDS E-EACH	1
I hereby certify that the above listed material(s), is (as packaged, and is in proper condition for transportation	n according to applicable regulation.			
RCRA EXEMPT: Oil field wa per load ba	stes generated from oil and gas exploration sis only)	and production operation and are	not mixed with non-exempt waste (R360 Accepts cert	tifications on a
RCRA NON-EXEMPT Oil field wa	ste which is non-hazardous that does not ex	ceed the minimum standards for v	vaste hazardous by characteristics established in RCR	A regulations,
waste as n	on-hazardous is attached. (Check the approp	riate items as provided)	D, as amended. The following documentation demons	trating the
MSDS Info	mation RCRA	Hazardous Waste Analysis	Other (Provide Description Beld	line
EMERGENCY NON-OIL FIELD EMPROPHY	non-hazardour, non nilfield waste that has b		And the latest the same of the	
EMERGENCY NON-OILFIELD Emergency determination	non-hazardous, non-oilfield waste that has b on and a description of the waste must acco	peen ordered by the Department of	Public Safety (the order, documentation of non-hazar	
	on and a description of the waste must acco	been ordered by the Department of ompany this form)	Public Safety (the order, documentation of non-hazar	
determinati (PRINT) AUTHORIZED AGENTS SIGNATU	on and a description of the waste must acco	peen ordered by the Department of ompany this form)	And the latest the same of the	
determinati	on and a description of the waste must acco	been ordered by the Department of ompany this form)	Public Safety (the order, documentation of non-hazar	
(PRINT) AUTHORIZED AGENTS SIGNATU Transporter's Name Address	on and a description of the waste must acco	Deen ordered by the Department of ompany this form) DATE Driver's Name Print Name	Public Safety (the order, documentation of non-hazar	
Transporter's Name Address Phone No. Transporter Ticket #	TRANS	DATE Driver's Name Print Name Phone No. Truck No.	Public Safety (the order, documentation of non-hazar	
Transporter's Name Address Phone No.	TRANS	DATE Driver's Name Print Name Phone No. Truck No.	Public Safety (the order, documentation of non-hazar	
Transporter's Name Address Phone No. Transporter Ticket #	TRANS	DATE Driver's Name Print Name Phone No. Truck No.	Public Safety (the order, documentation of non-hazar	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/	TRANS Were picked up at the Generator's site listed DRIVER'S SIGNATURE	DATE DATE Driver's Name Print Name Phone No. Truck No. If above and delivered without incidents of principles of the	Public Safety (the order, documentation of non-hazar	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/	TRANS Were picked up at the Generator's site listed DRIVER'S SIGNATURE	DATE DATE DELIVERY DATE DELIVERY DATE DELIVERY DATE DEPARTMENT OF THE PROPERTY OF THE PRO	Public Safety (the order, documentation of non-hazar SIGNATURE dent to the disposal facility listed below. DRIVER'S SIGNATURE	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT:	TRANS Were picked up at the Generator's site listed DISPOSA	DATE DATE Driver's Name Print Name Phone No. Truck No. d above and delivered without incidents DELIVERY DATE	Public Safety (the order, documentation of non-hazar SIGNATURE dent to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No.	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT:	TRANS Were picked up at the Generator's site listed DISPOSA	DATE DATE DATE DRIVER'S Name Print Name Phone No. Truck No. d above and delivered without incidents DELIVERY DATE	Public Safety (the order, documentation of non-hazar SIGNATURE Denote to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT:	TRANS Were picked up at the Generator's site lister DISPOSA 11-006 Mile Marker 66 Carlsbad, NM 88220 rcle One) YES NO	DATE DATE DATE Driver's Name Print Name Phone No. Truck No. d above and delivered without incidence of the print of the	Public Safety (the order, documentation of non-hazar SIGNATURE dent to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No.	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT:	TRANS Were picked up at the Generator's site listed DRIVER'S SIGNATURE DISPOSA 11-006 Mile Marker 66 Carlsbad, NM 88220 rcle One) YES NO rcle One) YES NO	DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without incident of the print of the pri	Public Safety (the order, documentation of non-hazar SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 392-6368	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT:	TRANS Were picked up at the Generator's site lister DRIVER'S SIGNATURE DISPOSA 11-006 Mile Marker 66 Carlsbad, NM 88220 rcle One) YES NO TANK B	DATE DATE DATE Driver's Name Print Name Phone No. Truck No. d above and delivered without incidence of the print of the	Public Safety (the order, documentation of non-hazar SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 392-6368	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Wite Name/ Permit No. Halfway Facility / NM 6601 Hobbs Hwy US 62 / 180 I PASS THE PAINT FILTER TEST? (Ci	TRANS Were picked up at the Generator's site listed DRIVER'S SIGNATURE DISPOSA 11-006 Mile Marker 66 Carlsbad, NM 88220 rcle One) YES NO rcle One) YES NO	DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without incidence of the print of the pr	Public Safety (the order, documentation of non-hazar SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 392-6368 nicro roentgents? (Circle One) YES NO	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Wite Name/ Fermit No. 9:ddress NORM READINGS TAKEN? (CI PASS THE PAINT FILTER TEST? (CI	TRANS Were picked up at the Generator's site lister DRIVER'S SIGNATURE DISPOSA 11-006 Mile Marker 66 Carlsbad, NM 88220 rcle One) YES NO TANK B	DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without incidence of the print of the pr	Public Safety (the order, documentation of non-hazar SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 392-6368 nicro roentgents? (Circle One) YES NO Received BS&W (%)	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: We Name/ Fermit No. Oddress NORM READINGS TAKEN? (Ci PASS THE PAINT FILTER TEST? (Ci Feet Feet Feet	TRANS Were picked up at the Generator's site lister DISPOSA 11-006 Wile Marker 66 Carlsbad, NM 88220 rcle One) YES NO rcle One) YES NO TANK B Inches	DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without incidence of the print of the pr	Public Safety (the order, documentation of non-hazar SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 392-6368 nicro roentgents? (Circle One) YES NO Received BS&W (%) ee Water Received	dous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material(s) was/ SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Halfway Facility / NM 6601 Hobbs Hwy US 62 / 180 I PASS THE PAINT FILTER TEST? (Ci	TRANS Were picked up at the Generator's site lister DRIVER'S SIGNATURE DISPOSA 11-006 Mile Marker 66 Carlsbad, NM 88220 rcle One) YES NO rcle One) YES NO TANK B Inches	DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without incidence of the print of the pr	Public Safety (the order, documentation of non-hazar SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 392-6368 nicro roentgents? (Circle One) YES NO Received BS&W (%) ee Water Received	dous waste

White - R360 ORIGINAL

Yellow- TRANSPORTER COPY

Pink- GENERATOR SITE COPY

GOLD BETLIEN TO GENERATOR

Name	200	K	020	lan	do
Phone	No				

279	119	GEN	ERATOR	NO. HV	754769
Generator Manifest #	Wave suc	eray	Location of Origin . Lease/Well	- 1 -	2000
Generator Name			Name & No.	-NK Fed 28	It
Address			County API No.	30-015-505	900
City, State, Zip			Rig Name & No. AFE/PO No.	1507110752	
EX	MPT E&P Waste/Service	Identification and Amou		ste type in barrels or cubic yards	
Oil Based Muds Oil Based Cuttings	NON-INJ	JECTABLE WATERS t Water (Non-Injectable)		OTHER EXEMPT E&P WASTES	STREAMS
Water Based Muds Water Based Cuttings	Completi	ion Fluid/Flow Back (Non-In Water (Non-Injectable)	jectable)	0	
Produced Formation Solids Tank Bottoms	Gathering	g Line Water/Waste (Non-li AL USE ONLY	njectable)	TOP SOIL & CALICHE SALES	9 P
E&P Contaminated Soil Gas Plant Waste		ashout (exempt waste)	YES NO	QUANTITY QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PROBUCTION		LINES
All no	n-exempt E&P waste must be	NON-EXEMPT E&P Waste/ analysed and be below thr	Service Identification and Amo eshold limits for toxicity (TCLP)	int Ignitability, Corrosivity adn Reactivit	у.
Non-Exempt Other				t from Non-Exempt Waste List on	
DISPOSAL QUANTITY	B - BAF	W. C.	L - LIQUID	3 (2 Y-YARDS	E - EACH
I hereby certify that the above listed mat packaged, and is in proper condition for t	erial(s), is (are) not hazardous ransportation according to ap	waste as defined by 40 CFF plicable regulation.	R Part 261 or any applicable sta	te law. That each waste has been pro	operly described, classified and
RCRA EXEMPT:	Oil field wastes generated fr per load basis only)	om oil and gas exploration	and production operation and a	re not mixed with non-exempt waste	(R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is non-	hazardous that does not ex	ceed the minimum standards for	or waste hazardous by characteristics ort D, as amended. The following doc	established in RCRA regulations,
-	waste as non-hazardous is a	ittached. (Check the appropri	riate items as provided)		The state of the s
☐ EMERGENCY NON-OILFIELD			Hazardous Waste Analysis	of Public Safety (the order, document	ide Description Below)
	determination and a descript	tion of the waste must acco	empany this form)		Total of Non Hazardous Waste
(PRINT) AUTHORIZED A	GENTS SIGNATURE	The second secon	DATE	SIGNATURE	
Transporter's	22 11	TRANS	PORTER	77 +	
Name Address	× 141 = 7	12001010	Driver's Name Print Name	rever	
Phone No. Transporter Ticket #			Phone No.	1713	
I hereby certify that the above named mat	erial(s) was/were picked up a	t the Generator's site listed	Truck No above and delivered without i	ncident to the disposal facility listed	below.
SHIPMENT DATE	DRIVER'S SIGNAT		DELIVERY DATE	Leaves 1926	SIGNATURE
TRUCK TIME STAI	MP	DISPOSA	L FACILITY	RECEIVING	
IN: OUT: _				Name/No.	2
Site Name/ Permit No. Halfway Fac	ility / NM1-006		Phone No. 57	5-392-6368	7
ddress 6601 Hobbs Hwy	US 62 / 180 Mile Marker 66 C	arlsbad, NM 88220			YES NO
NORM READINGS PASS THE PAINT FILTE		ES NO	If YES, was reading > 50	micro roentgents? (Circle One)	YES NO
	Treat (once one)		OTTOMS		
Feet Feet Sand Guage	Inches		The state of the s	S Received	BS&W (%)
			BSQW/BB	Free Water	
Peceived			11/1/2 200	al Received	- Carlotte
Bareby certify that the above load materia	il has been (circle one):	ACCEPTED	DENIED \ If der	ied, why?	
	The state of the s	Service II		1	
NAME (PRINT)	7117	DATE	TITLE	SIGN	ATURE
NAME (PRINT) 138	White - R360 ORIGINAL	DATE Yellow-TRANSPORTER C			

REQUIRED INFORMATION

Name	F	d	C	14	1	la	10	net	0	
Ot.	i.									

8 saturians					riiona ivo.	
6 280	112 12	GENE	RATOR	NC	HW- 754	768
Senerator Manifest #	NO WE FIL	eran .	Location of Origin	9th of t-10		
Generator Name	-		Name & No.	WBFed	26 11	
Address			County	10-112- E	06000	
City, State, Zip			API No Rig Name & No	0 12/13 2	V O - EVV	
Phone No.			AFE/PO No.	50916035	2	
Contract and Contr	the same of the sa	ice Identification and Amount	(place volume next to wast			
Oil Based Muds Oil Based Cuttings	UR REPORT OF THE PARTY OF THE P	-INJECTABLE WATERS hout Water (Non-Injectable)		OTHER EXEMPT E&P	WASTESTHEAMS	
Water Based Muds Water Based Cuttings	Comp	pletion Fluid/Flow Back (Non-Inje uced Water (Non-Injectable)	ectable)		- 0	
Produced Formation Solids Tank Bottoms	Gath	ering Line Water/Waste (Non-Inj	ectable)	BALLY	DEME	
E&P Contaminated Soil	The second secon	RNAL USE ONLY Washout (exempt waste)	YES NO	QUANTITY QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste WASTE GENERATION PROCESS:	☐ DRILLING	COMPLETION	PRODUCTION		HERING LINES	GALIGHE
WASTE GENERALISM THOSESO.			ervice Identification and Amour		TENTO ENTE	
	n-exempt E&P waste mus	t be analysed and be below three	shold limits for toxicity (TCLP), I	gnitability, Corrosivity adn	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	
Non-Exempt Other			*please select	from Non-Exempt Wast	e List on back	
DISPOSAL QUANTITY	В-	BARRELS	L - LIQUID	Y-YARDS	E - EA	ACH
I hereby certify that the above listed ma			Part 261 or any applicable state	a law. That each waste has	s been properly described	l, classified and
packaged, and is in proper condition for RCRA EXEMPT:	The second secon	o applicable regulation. led from oil and gas exploration a	and production operation and ar	e not mixed with non-exer	npt waste (R360 Accepts	certifications on a
	per load basis only)					
RCRA NON-EXEMPT:	40 CFR 261.21-261.24, c	non-hazardous that does not exc or listed hazardous waste as defin	ned by 40 CFR, part 261, subpar			
F	waste as non-hazardous MSDS Information	s is attached. (Check the appropri	ate items as provided) Hazardous Waste Analysis	По	ther (Provide Description	Below)
EMERGENCY NON-OILFIELD	- 12000000000000000000000000000000000000	us, non-oilfield waste that has be	A REAL PROPERTY OF THE PROPERT			
	determination and a des	scription of the waste must accor	mpany this form)	and the second second second second		
(PRINT) AUTHORIZED	AGENTS SIGNATURE	- 0	ATE	SIGNA	TURE	
		TRANS	PORTER			
Transporter's Name	Tex Mes	Trusking	Driver's Name	Keter		
Address			Print Name			
Phone No. Transporter Ticket #			Phone No	102		
hereby certify that the above named ma		up at the Generator's site listed		cident to the disposal faci	lity listed below.	
			4 7 9	5 Claren	DRIVER'S SIGNATURE	-
SHIPMENT DATE TRUCK TIME STA	DRIVER'S S	the party of the last of the l	DELIVERY DATE	PECI	EIVING AREA	
		DISPUSA	L FACILITY	Name/No.	EIVING AREA	
IN:OUT:		-		Name/No		
Site Name/ Permit No. Halfway Facility / NM1-006 Phone No. 575-392-6368 address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Phone No. 575-392-6368						
address 6601 Hobbs Hw	y US 62 / 180 Mile Marke	r 66 Carlsbad, NM 88220				
NORM READINGS	S TAKEN? (Circle One)	YES NO	If YES, was reading > 50	micro roentgents? (Cire	cle One) YES	NO
NORM READING: PASS THE PAINT FILT	ER TEST? (Circle One)	YES NO				
			OTTOMS			
Feet Guage		Inches	BS&W/BBI	S Received	BS&W (%)	
and Guage				Free Water		
Received			Tot	al Received		
ereby certify that the above load mate	rial has been (circle one):	ACCEPTED	17/11/11	ied, why?	The state of the s	
NAME (PRINT)		DATE	nne	1	SIGNATURE	
138	White - R360 ORIGINA	AL Yellow- TRANSPORTER C	COPY Pink- GENERATOR S	TE COPY Gold- RETU	RN TO GENERATOR	

(PLEASE PRINT)

REQUIRED INFORMATION

Compa	ly iviali	comact	monnation
Name	rot	Kme	lan E

- 17	16			
- 14	ho	no	INI	0
	1111	1110	P.N	u.

SOLUTIONS			100			Fillulia Mu.	
7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		GEN	ERATOR		1	NO. HW-	754714
Senerator Manifest #			Location o		RICC	# 28 H	
Generator Name	water Ene	ray	Lease/We Name & N				
Address		4/	County				
	THE WILL SE	11	API No.	<u>U1</u>	-015-	30390	
City, State, Zip			Rig Name		THE DOWN	DICON -	
Phone No.	CMDT EQD Waste /Coming	Identification and Amor	AFE/PO N		uno in harrole	os cubio vardo)	
Oil Based Muds	EMPT E&P Waste/Service	JECTABLE WATERS	unt (piace volume	next to waste t		T E&P WASTE STREAM	MS.
Oil Based Cuttings	Washou	t Water (Non-Injectable)	1000				
Water Based Muds Water Based Cuttings		tion Fluid/Flow Back (Non-Ir d Water (Non-Injectable)	njectable)				
Produced Formation Solids Tank Bottoms	Gatherin	ng Line Water/Waste (Non-	-Injectable)			I COLUMN A LUMB	
E&P Contaminated Soil		AL USE ONLY ashout (exempt waste)	YES	NO	TOP SOIL & CA		SOIL CALICHE
Gas Plant Waste	☐ DRILLING	COMPLETION	100	PRODUCTION	GOANTIT	GATHERING LINES	
WASTE GENERATION PROCESS:	DRILLING					GALIFICATING LINES	
All n	on-exempt E&P waste must be	NON-EXEMPT E&P Waste e analysed and be below th	Service Identifica preshold limits for	tion and Amount oxicity (TCLP), Igni	tability, Corrosiv	ity adn Reactivity.	
Non-Exempt Other				Name and Address of the Owner, where the Party of the Owner, where the Party of the Owner, where the Owner, which is the	THE RESERVE AND PERSONS ASSESSMENT	t Waste List on back	
DISPOSAL QUANTITY	R - RA	RRELS	L - LIQUID	- 30	Y - YARDS		E - EACH
hereby certify that the above listed ma				applicable state la			
ackaged, and is in proper condition for	transportation according to a	pplicable regulation.					
RCRA EXEMPT:	Oil field wastes generated per load basis only)	from oil and gas exploration	n and production o	peration and are n	ot mixed with n	on-exempt waste (R36)	Accepts certifications or
RCRA NON-EXEMPT:	Oil field waste which is nor	n-hazardous that does not e	exceed the minimu	m standards for w	aste hazardous l	ov characteristics estat	olished in RCRA regulation
La non non exam n	40 CFR 261.21-261.24, or li	sted hazardous waste as de	efined by 40 CFR, p	oart 261, subpart D	, as amended. T	he following document	ation demonstrating the
E .	waste as non-hazardous is MSDS Information		RA Hazardous Was			Other (Provide De	escription Below)
MERGENCY NON-OILFIELD	Emergency non-hazardous,				Public Safety (th	e order, documentation	of non-hazardous waste
	determination and a descrip					7	
(PRINT) AUTHORIZED	ACELITO CICALATURE		DATE		100	SIGNATURE	
(PAINT) ADTHURIZED	Adents signature	TRAN	SPORTER		_	JidiArtone	
ransporter's	ar viex	InAM	TO THE PARTY AND				
ddress	RX X IE X		Driver's Na Print Nam		ac sale	Man	
	09-4276	7	Phone No.				
ransporter Ticket #	7 7		Truck No.	_ 6	20		
nereby certify that the above named m	aterial(s) was/were picked up	at the Generator's site list	ed above and deliv	ered without incid	ent to the dispo	sal facility listed below	<i>i.</i>
SHIPMENT DATE	DRIVER'S SIGN.	ATURE	DE	IVERY DATE	11/4	DRIVER'S SIGNA	TURE
TRUCK TIME ST		THE RESERVE THE PERSON NAMED IN	AL FACILI		_	RECEIVING ARE	
	The same of the sa	DISTUSI	AL PAGILI		Name/No.	HEOLIVING AND	73
IN:OUT					vame/ivo	10	
ite Name/ ermit No. Halfway Fa	cility / NM1-006		Phone No.	575-3	392-6368		
	y US 62 / 180 Mile Marker 66	Carlsbad, NM 88220	11000 140	-			
NORM READING	S TAKEN? (Circle One)	YES NO	If YES, wa	s reading > 50 m	icro roentgent	s? (Circle One) Y	ES NO
AND THE PARTY AN		YES NO		The state of the s	Town to the state of the		
		TANK	BOTTOMS	3			
Feet	Incl			La succession			
at Guage				BS&W/BBLS		BS8	&W (%)
nd Guage poceived					ee Water Received		
		1.600.000	Del ven				
ereby certify that the above load mate	rial has been (circle one):	ACCEPTED	DENIED	If denied	I, why?		1) /2 =
NAME (PRINT)	the state of the s	DATE	-	TITLE		SIGNATURE	-
NAME (PRINT)			n now.		nonv n		
97	White - R360 ORIGINAL	Yellow- TRANSPORTER	R COPY Pink	GENERATOR SITE	CUPY Gold	I- RETURN 10 GENERA	HUH



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Phone No._

		GEN	ERATOR	NO.	W: 754715
Generator Manifest #			Location of Origin	1-cc # =8	17
Generator Name	WAVE End	irg x	Name & No.		
Address	in Solution		County API No.	0-015-5059	100
City, State, Zip			Rig Name & No.	28250216021	52.
Phone No. ————			AFE/PO No. —		all a
Oil Based Muds		e Identification and Amou NJECTABLE WATERS	int (place volume next to wast	OTHER EXEMPT E&P WAS	TE STREAMS
Oil Based Cuttings	Washo	ut Water (Non-Injectable)	of the section of the		
Water Based Muds Water Based Cuttings	Produce	etion Fluid/Flow Back (Non-led Water (Non-Injectable)			
Produced Formation Solids Tank Bottoms		ing Line Water/Waste (Non- NAL USE ONLY	Injectable)	TOP SOIL & CALICHE SALE	S
E&P Contaminated Soil Gas Plant Waste	ALC: NO.	Vashout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHERI	NG LINES
10	F0 P	NON-EXEMPT E&P Waste	9/Service Identification and Amour preshold limits for toxicity (TCLP), I	nt contability Corresivity ado Rea	ntivity
Non-Exempt Other	on-exempt EXP waste must i	oe analysed and be delow to	*please select	from Non-Exempt Waste Li	st on back
DISPOSAL QUANTITY	P - R	ARRELS	L - LIQUID	OY-YARDS	E - EACH
I hereby certify that the above listed ma					en properly described, classified and
packaged, and is in proper condition fo	r transportation according to a	applicable regulation.			
RCRA EXEMPT:	Oil field wastes generated per load basis only)	d from oil and gas exploration	on and production operation and ar	e not mixed with non-exempt	waste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is no	on-hazardous that does not	exceed the minimum standards for	waste hazardous by characte	ristics established in RCRA regulations, g documentation demonstrating the
	40 CFR 261.21-261.24, or waste as non-hazardous i	s attached. (Check the appro	opriate items as provided)		
	MSDS Information		RA Hazardous Waste Analysis		(Provide Description Below)
EMERGENCY NON-OILFIELD	Emergency non-hazardous determination and a desc	s, non-oilfield waste that ha ription of the waste must ac	s been ordered by the Department ecompany this form)	of Public Safety (the order, do	cumentation of non-hazardous waste
Joe Nola	/I		7-25-	feeld toller	
(PRINT) AUTHORIZE	D AGENTS SIGNATURE	TDAN	DATE ICOCOTTED	SIGNATURE	
Transporter's		IBAN	ISPORTER	Loston	
Name	EX MEX		Driver's Name Print Name	Joe Notan	
Address Phone No.	209-212	70	Phone No.		
Transporter Ticket #	The state of the s		Truck No. —	The second second second	Catal Indian
I hereby certify that the above named r	naterial(s) was/were picked u	up at the Generator's site lis	ted above and delivered without if	ncident to the disposal facility	listed below.
SHIPMENT DATE	DRIVER'S SIG	NAME AND ADDRESS OF TAXABLE PARTY.	DELIVERY DATE	- day	RIVER'S SIGNATURE
TRUCK TIME ST	AMP	DISPOS	AL FACILITY		'ING AREA
IN: OU	F:			Name/No.	
te Name/	acility / NM1-006		Dhana No. 57	5-392-6368	
Address Halfway F	wy US 62 / 180 Mile Marker	66 Carlsbad, NM 88220	Phone No. 57	002	
7 301000	GS TAKEN? (Circle One)	YES NO	If YES, was reading > 5	0 micro roentgents? (Circle	One) YES NO
	LTER TEST? (Circle One)	YES NO		The state of the s	
		TANK	BOTTOMS		
Feet	lr.	nches	The state of the s	LS Received	BS&W (%)
at Guage			D3QVV/DC	Free Water	668.11 J/07
Received			To	tal Received	
Shereby certify that the above load ma	terial has been (circle one):	ACCEPTED	DENIED If de	nied, why?	
	TEX.			1	SIGNATURE
NAME (PRINT)		DATE	TITLE		SILIVATURE

Pink- GENERATOR SITE COPY

Gold- RETURN TO GENERATOR



(PLEASE PRINT)

REQUIRED INFORMATION

Compan	y Man C	ontact l	ntorm	ation
Name 4	For	KA	Vest.	art
Phone N	0			

SULUTIONS	100	GENER/	ATOR	6 + J	NO. HW- 75	4712
ddress	w Energy		Location of Origin Lease/Well Name & No. County API No. Rig Name & No.	K TEC 1 - 015- 1 - 055	505900 201602	
ity, State, Zip			AFE/PO No. —			
hone No. ———————————————————————————————————	EMPT E&P Waste/Service Ident	tification and Amount (pl	ace volume next to waste t	ype in barrels o	r cubic yards) r E&P WASTE STREAMS	
Dil Based Muds Dil Based Cuttings Water Based Muds Water Based Cuttings Water Based Cuttings Produced Formation Solids Tank Bottoms	Washout Wat Completion Fl	ABLE WATERS ter (Non-Injectable) uid/Flow Back (Non-Injecta ter (Non-Injectable) e Water/Waste (Non-Inject	ble)	TOP SOIL & CAL	LICHE SALES	CALICHE
E&P Contaminated Soil Gas Plant Waste		ut (exempt waste)	YES NO	QUANTITY	TOP SOIL	CALIGHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION		GATHERING LINES	
Aftr	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, where the Owner, where the Owner, where the Owner, which is the Owner, which i	N-EXEMPT E&P Waste/Sen plysed and be below thresh	vice Identification and Amount old limits for toxicity (TCLP), Ign *please select fr	nitability, Corrosiv	ity adn Reactivity t Waste List on back	
Non-Exempt Other	n name	10	L-LIQUID	(Y-YARDS	/	E + EACH
DISPOSAL QUANTITY hereby certify that the above listed m	B - BARRE	LS AG OFFO D	et 261 es any applicable étate	law That each w	aste has been properly desc	cribed, classified and
Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field wastes which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, Oil field waste which is non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) REPARTMENT OF THE PROPRIES OF						
- T // /-/	determination and a description	n or the waste most docum	25	En /el	MI	
(PRINT) AUTHORIZ	ED AGENTS SIGNATURE	0/	NE /		SIGNATURE	
(Initial and a second		TRANS	PORTER			
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named	material(s) was/were picked up at	the Generator's site listed	Driver's Name Print Name Phone No. Truck No. above and delivered without in	ncident to the disp	nosal facility listed below.	
SHIPMENT DATE	QRIVER'S SIGNATU		DELIVERY DATE		DRIVER'S SIGNATUR	
TRUCK TIME S	STAMP JT:	DISPOSA	L FACILITY	Name/No.	RECEIVING AREA	
tte Name/ Cermit No. Halfway 6601 Hobbs NORM READI	MOD INSELL TOWNS	Carlsbad, NM 88220 ES NO ES NO	Phone No. <u>57</u> If YES, was reading > 5	5-392-6368 O micro roentge	ents? (Circle One) YE	s NO
S FASS THE FAINT	TELEVISION CONTRACTOR		OTTOMS			
Feet Olst Guage Ond Guage Pieceived	Inche	95	BS&W/BB	Free Water otal Received	BS&	W (%)
hereby certify that the above load	material has been (circle one):	ACCEPTED	DENIED If d	cinou, viny		-



(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information Name Bear & Mo haddes

VIRONMENTAL	(I LEAGE I MINT)	(icagines iii)	Phone	No
anasymeth	GENERATOR		NO. HW-	755449
Generator Manifest #	Lease/Name & County API No	& No. FNA	Fed = 284 184 -815-5059	<i>p</i> 00
City, State, Zip ———————————————————————————————————	Rig Na AFE/PC	me & No	12/4/252	
EXEMPT E&P Waste,	Service Identification and Amount (place volu	ime next to waste type	in barrels or cubic yards)	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY Truck Washout (exempt waste) YES	TO	P SOIL & CALICHE SALES	TOP SOIL CALICHE
Gas Plant Waste WASTE GENERATION PROCESS: DRILLIN		PRODUCTION	GATHERING L	INES
Wild the distribution of the second	NON-EXEMPT E&P Waste/Service Ident te must be analysed and be below threshold limits	for toxicity (TCLP), Ignitable	ility, Corrosivity adn Reactivit Non-Exempt Waste List on	y. back
DISPOSAL QUANTITY	B - BARRELS L - LIQUID	300	Y - YARDS	E - EACH
40 CFR 261.21-26 waste as non-ha MSDS Informatio	hich is non-hazardous that does not exceed the mid 51,24, or listed hazardous waste as defined by 40 C zardous is attached. (Check the appropriate items a	FR, part 261, subpart D, as is provided) Waste Analysis I by the Department of Put	Other (Pro	vide Description Below)
	DATE		SIGNATURE	
(PRINT) AUTHORIZED AGENTS SIGNATURE	TRANSPORT	FR	1	
Transporter's Name Address Phone No. Transporter Ticket #	Driver Print I Phone Truck	's Name Name No.	STO MOUTAVE	2
I hereby certify that the above named material(s) was/were	picked up at the Generator's site listed above and	delivered without inciden	/ MY	
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE		PS SIGNATURE
TRUCK TIME STAMP IN: OUT:	DISPOSAL FAC		RECEIVING ame/No.	Anca
Site Name/	D06 Phone	No. 575-39	2-6368	
Address NORM READINGS TAKEN? (Circle PASS THE PAINT FILTER TEST? (Circle	e Marker 66 Carlsbad, NM 88220 e One) YES NO If YES e One) YES NO	S, was reading > 50 mic	cro roentgents? (Circle One	a) YES NO
1//	TANK BOTTO	MS		
St Guage Feet	Inches		eceived e Water eceived	BS&W (%)
Received hereby certify that the above load material has been (circ	cle one): LACCEPTED DENIED	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	why?	



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name

Phone	No.	13/-	717	5/1
-------	-----	------	-----	-----

APONMENTAL GOLUTIONS	NO. AD- 0030138
	GENERATOR
Nous Wave	Location of Origin Lease/Well
nerator Manifest #	Name & No.
enerator Name	County County
ddress	API No. 200 200217 250
	Rig Name & No.
ity, State, Zip ———————————————————————————————————	AFE/PO No. ———————————————————————————————————
hone No. EXEMPT E&P Waste/Ser	rvice Identification and Amount (place volume next to waste type in barrels or cubic yards) OTHER EXEMPT E&P WASTE STREAMS
NO NO	ON-INJECTABLE WATERS ashout Water (Non-Injectable)
Oil Based Cuttings Cou	empletion Fluid/Flow Back (Non-injectable)
Water Based Cuttings Pro	oduced Water (Non-Injectable)
Produced Formation Solids	TOP SOIL CALICHE
F&P Contaminated Soil	Well Washput (exempt waste) YES NO UDANTHI
Gas Plant Waste	COMPLETION PRODUCTION GATHERING LINES
WASTE GENERATION PROCESS: DRILLING	
All your evamor FRP waste t	NON-EXEMPT E&P Waste/Service Identification and Amount must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity. *please select from Non-Exempt Waste List on back
	r FACH
Non-Exempt Other	V YARDA
DISPOSAL QUANTITY	B - BARRELS L - LIQUID azardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and large to applicable regulation. Ing to applicable regulation.
Packaged, and is in property of the property	nerated from oil and gas exploration and production and productions and productions and productions and productions and productions and productions are productions. In this is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, and it is non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the control of the production
EMERGENCY NON-OILFIELD determination and	azardous, non-oilfield waste that has been orbital additional and description of the waste must accompany this form)
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE
(PRINT) AUTOMORES	TRANSPORTER
Transporter's	Driver's Name Allaham
Name Say	Print Name —
Address —	Phone No. Truck No.
Phone No.	Truck No.
Liberaby certify that the above named material(s) was/were	e picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. DELIVERY DATE DELIVERY DATE DELIVERY DATE
	DECENTING AREA
TRUCK TIME STAMP	DISPOSAL FACILITY Name/No.
S IN: OUT:	575-236-1734
IN: OUT:	NM1-66 Phone No. ———————————————————————————————————
NORM READINGS TAKEN? (Circle)	cle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) YES NO tle One) YES NO
PASS THE PAINT FILTER TEST? (Circ	TANK BOTTOMS
ä	Inches BS&W/BBLS Received BS&W (%)
Feet	Free Water
1st Guage	Total Received
2nd Guage Received	
- IMMORTAN	() denied why?
Thereby certify that the above load material has been (c	circle one): ACCEPTED DENIED (If denied, why?



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Phone No.

		GENERATOR	NO. AD- OO	30105	
Generator Manifest #	- Wave Enigy	Location of Origin Lease/Well Name & No. County API No.	FNR Fed # 28 h		
City, State, Zip		mig ivame & ivo.	NY 02 7 29 31 KO 35 51		
Phone No. — FX	EMPT E&P Waste/Service Identification a	AFE/PO No	ste tyne in barrels or cubic vards)		
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste WASTE GENERATION PROCESS:	NON-INJECTABLE WATE Washout Water (Non-Inje Completion Fluid/Flow B: Produced Water (Non-Inje Gathering Line Water/W: INTERNAL USE ONLY Truck Washout (exempt v	RS actable) ack (Non-Injectable) actable) aste (Non-Injectable)	TOP SOIL & CALICHE SALES OUANTITY OTHER EXEMPT E&P WASTE STREAMS TOP SOIL & CALICHE SALES TOP SOIL	IL CALICHE	
	NON-EXEMPT E	&P Waste/Service Identification and Amo	unt		
Non-Exempt Other	on-exempt E&P waste must be analysed and be	e below threshold limits for toxicity (TCLP)	, Ignitability, Corrosivity adn Reactivity. et from Non-Exempt Waste List on back		
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	7 /) Y-YARDS	E - EACH	
per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)					
(PRINT) AUTHORIZED	AGENTS SIGNATURE	DATE	SIGNATURE		
Transporter's Name Address Phone No. Transporter Ticket #	aterial(s) was/were picked up at the Generator	Driver's Name Print Name Phone No. Truck No. 's site listed above and delivered without	incident to the disposal facility listed below.	2	
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE		
IN: TRUCK TIME STA		POSAL FACILITY	Name/No. RECEIVING AREA	Ma sy	
	aw Facility / NM1-66 exe Rd., Jal, NM 88252	Phone No. 5	75-236-1734	225 1.35	
	S TAKEN? (Circle One) YES NO YER TEST? (Circle One) YES NO	If YES, was reading > 5	50 micro roentgents? (Circle One) YES	NO S	
6		ANK BOTTOMS			
st Guage Feet And Guage Received	Inches		BLS Received BS&W Free Water otal Received	4	
nereby certify that the above load mate	rial has been (circle one); ACCEPTED	DENIED If do	enied, why?	Polorsolo	

O JOLUNDAS				There were
287	1 7 10 1 10	GENE	RATOR	NO. AD- 0030139
Senerator Manifest #	- SCHELLER I	00 1/1	Location of Origin Lease/Well	
Generator Name		V	Name & No.	MR Fed # 28H
Address			County	
			API No.	0-116-055088
City, State, Zip			my rvame & rvo.	MAN 0 2001 (00 25 5)
Phone No.			AFE/PO No. —	
		THE PERSON NAMED IN COLUMN 2 I	(place volume next to wast	e type in barrels or cubic yards)
Oil Based Muds Oil Based Cuttings		JECTABLE WATERS It Water (Non-Injectable)		OTHER EXEMPT E&P WASTE STREAMS
Water Based Muds		ion Fluid/Flow Back (Non-Injectable)	ctable)	
Water Based Cuttings Produced Formation Solids	Produce Cathoric	d Water (Non-Injectable) ng Line Water/Waste (Non-Inje	antabla)	131/4 Domin
Tank Bottoms		AL USE ONLY	actable)	TOP SOIL & CALICHE SALES
E&P Contaminated Soil Gas Plant Waste	The second second	ashout (exempt waste)	YES NO	QUANTITY TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	☐ PRODUCTION	
THISTE GENERALITY HOUSES				
All	non-exempt E&P waste must b	NON-EXEMPT E&P Waste/Se analysed and be below thres	arvice Identification and Amounthold limits for toxicity (TCLP), I	nt Ignitability, Corrosivity ado Reactivity.
Non-Exempt Other			the state of the s	from Non-Exempt Waste List on back
DISPOSAL QUANTITY	P. DA	RRELS	L - LIQUID	Y - YARDS E - EACH
hereby certify that the above listed n packaged, and is in proper condition for			Part 261 or any applicable state	e law. That each waste has been properly described, classified and
RCRA EXEMPT:	the state of the s		nd production operation and ar	re not mixed with non-exempt waste (R360 Accepts certifications on a
- Control of the Cont	per load basis only)			
RCRA NON-EXEMPT:	Oil field waste which is nor 40 CFR 261 21-261 24, or li	n-hazardous that does not excu sted hazardous waste as defin	eed the minimum standards for sed by 40 CFB, part 261, subpar	r waste hazardous by characteristics established in RCRA regulations, rt D, as amended. The following documentation demonstrating the
	waste as non-hazardous is	attached. (Check the appropria		
Examination Committee	MSDS Information	RCRA F	lazardous Waste Analysis	Other (Provide Description Below)
☐ EMERGENCY NON-OILFIELD				of Public Safety (the order, documentation of non-hazardous waste
	determination and a descrip	ption of the waste must accom	pany this form)	
(PRINT) AUTHORIZE	D AGENTS SIGNATURE		ATE ATE	SIGNATURE
	STANTILE SISTEMATICAL		PORTER	3031713113
Transporter's	as not	InAlvo		DI Sant
Name 5/11/2-	2712		Driver's Name	Apply Maday Girl S
Address			Print Name Phone No	- J
Transporter Ticket #			Truck No.	64
The second secon	naterial(s) was/were picked up	at the Generator's site listed		ncident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGN	the later with the la	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME S	AMP	DISPOSAL	FACILITY	RECEIVING AREA
IN: OU	5512			Name/No.
Site Name/				A Aug
Permit No. Antelope L	Praw Facility / NM1-66		Phone No. 575	5-236-1734
Address 476 Battle	Axe Rd., Jal, NM 88252) micro roentgents? (Circle One) YES NO
NORM READIN	GS TAKEN? (Circle One)	YES NO	If YES, was reading > 50) micro roentgents? (Circle One) YES NO
PASS THE PAINT FI	TER TEST? (Circle One)	YES NO		
NORM READIN PASS THE PAINT FI		TANK BO	OTTOMS	
st Guage Feet	Inch			LS Received BS&W (%)
st Guage			BS&W/BBI	S Received BS&W (%)
nd Guage			7.	riee vvatei
Received			Tot	al Received
hereby certify that the above load ma	terial has been (circle one):	ACCEPTED	DENIED If der	nied, why?
3	d do	THE .	ARXL	
NAME (PRINT)		DATE	TITLE	SIGNATURE
NAME (PRINT) NAME (PRINT)	White - R360 ORIGINAL	Yellow- TRANSPORTER C	DPY Pink- GENERATOR SI	ITE COPY Gold- RETURN 10 GENERATOH
Kec				



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name **Exercit No India
Phone No._____

Location of Origin Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No. Amount (place volume next to waste type in barrels or cubic yards) OTHER EXEMPT E&P WASTE STREAMS bible) (Non-injectable) Itop Soil & CALICHE SALES tel) YES NO QUANTITY TOP SOIL CALIC TION PRODUCTION GATHERING LINES Waste/Service Identification and Amount plow threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity. **please select from Non-Exempt Waste List on back* L - LIQUID Y-YARDS E - EACH by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classif as not exceed the minimum standards for waste hazardous by characteristics established in RCRA refere as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstration appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) nat has been ordered by the Department of Public Safety (the order, documentation of non-hazardou usts accompany this form) DATE SIGNATURE
API No. Rig Name & No. AFE/PO No. Amount (place volume next to waste type in barrels or cubic yards) OTHER EXEMPT E&P WASTE STREAMS ble) (Non-Injectable) (Non-Injectable) TOP SOIL & CALICHE SALES te) YES NO QUANTITY TOP SOIL CALIC TION PRODUCTION GATHERING LINES Waste/Service Identification and Amount slow threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity. **please select from Non-Exempt Waste List on back L - LIQUID Y- YARDS E - EACH y 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classift loration and production operation and are not mixed with non-exempt waste (R360 Accepts certificates as not exceed the minimum standards for waste hazardous by characteristics established in RCRA rete as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstration appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) nat has been ordered by the Department of Public Safety (the order, documentation of non-hazardous ust accompany this form) DATE SIGNATURE
Amount (place volume next to waste type in barrels or cubic yards) OTHER EXEMPT E&P WASTE STREAMS OTHER EXEMPT E&P WASTE STREAMS
OTHER EXEMPT E&P WASTE STREAMS Stopping Continued to the property of the property described in the property described
(Non-Injectable) (Non-Injectable) TOP SOIL & CALICHE SALES
TION PRODUCTION GATHERING LINES Waste/Service Identification and Amount Plow threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity. *please select from Non-Exempt Waste List on back L - LIQUID Y - YARDS E - EACH by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classification and production operation and are not mixed with non-exempt waste (R360 Accepts certification and production operation and are not mixed with non-exempt waste (R360 Accepts certification and each of the property of the propert
Waste/Service Identification and Amount Flow threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity. **please select from Non-Exempt Waste List on back L - LIQUID Y - YARDS E - EACH y 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classiful classiful contains and production operation and are not mixed with non-exempt waste (R360 Accepts certificates and exceed the minimum standards for waste hazardous by characteristics established in RCRA refer as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrates appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) nat has been ordered by the Department of Public Safety (the order, documentation of non-hazardous accompany this form) DATE SIGNATURE
**please select from Non-Exempt Waste List on back L - LIQUID Y - YARDS E - EACH y 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classiful loration and production operation and are not mixed with non-exempt waste (R360 Accepts certificates not exceed the minimum standards for waste hazardous by characteristics established in RCRA refere as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrates appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) not has been ordered by the Department of Public Safety (the order, documentation of non-hazardous accompany this form) DATE SIGNATURE
y 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classification and production operation and are not mixed with non-exempt waste (R360 Accepts certificates not exceed the minimum standards for waste hazardous by characteristics established in RCRA retered as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrates appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous accompany this form) DATE SIGNATURE
y 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classification and production operation and are not mixed with non-exempt waste (R360 Accepts certificates not exceed the minimum standards for waste hazardous by characteristics established in RCRA rete as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrates appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous accompany this form) DATE SIGNATURE
ANSPORTER
ANSPORTER
Driver's Name Print Name
Phone No.
Truck No.
ite listed above and delivered without incident to the disposal facility listed below.
DELIVERY DATE DRIVER'S SIGNATURE
OSAL FACILITY Name/No.
Phone No. <u>575-392-6368</u>
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
NK BOTTOMS
BS&W/BBLS Received BS&W (%) Free Water Total Received
20



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name

Ph		

WHIGH HENTAL SOLUTIONS	*	THE RESERVE OF THE PERSON NAMED IN	NO III	72070E
301.0/10/13	GEN	IERATOR	NU. HW-	738795
		Location of Origin		TENDEN Y
enerator Manifest #		Lease/Well	NM Fed #	7811
enerator Name	e Frerey	Name & No.	Nam 2502/8	8252
ddress	/	API No.	0-1014-505	vna
001000		Rig Name & No. ——	To the	THE RESERVE OF THE PERSON NAMED IN
ity, State, Zip		AFE/PO No -		
hone No.	Waste/Service Identification and Amo	ount (place volume next to waste t	ype in barrels or cubic yards)	PANAS
The same of the sa	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE S	THEATWIS
Oil Based Muds Oil Based Cuttings	Weshout Water (Non-Injectable)	- Initiatable)	12 31/ no	Vana-
Water Based Muds -	Completion Fluid/Flow Back (Nor Produced Water (Non-Injectable)		Billy	27114
Water Based Cuttings Produced Formation Solids	Gathering Line Water/Waste (No	on-Injectable)	TOP SOIL & CALICHE SALES	Eyes mile
Tank Bottoms -	INTERNAL USE ONLY	VES NO	QUANTITY	TOP SOIL CALICHE
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)	TEO CHICKIGH	GATHERING	LINES
WASTE GENERATION PROCESS:	DRILLING COMPLETIO			AND DESCRIPTION OF THE PERSON
WASTE GENERATORY	NON-EXEMPT E&P Wa	aste/Service Identification and Amount	nitability, Corrosivity adn Reactiv	ity.
All non-exempt	NON-EXEMPT E&P Wa E&P waste must be analysed and be below	*please select f	rom Non-Exempt Waste List o	n back
Non-Exempt Other			Y-YARDS	E - EACH
	B - BARRELS	L-LIQUID 20	Til t and wests has been	properly described, classified and
DISPOSAL QUANTITY I hereby certify that the above listed material(s), i packaged, and is in proper condition for transport	s (are) not hazardous waste as defined by 4 ation according to applicable regulation. d wastes generated from oil and gas explor	10 CFR Part 261 or any applicable state	law. That each waste has been	(Applit)
40 CFF waste	Information	appropriate items as provided) RCRA Hazardous Waste Analysis at has been ordered by the Department	Other (F	rovide Description Below)
EMERGENCY NON-OILFIELD Emerg	ency non-hazardous, non-officed waste did nination and a description of the waste mu	ist accompany this form)		
Road A	plande -	DATE	SIGNATURE	
(PRINT) AUTHORIZED AGENTS S	IGNATURE	NAME AND ADDRESS OF TAXABLE PARTY.		
	IK	ANSPORTER	Burlown	Koiz
Transporter's	TEX WEX	Driver's Name	College	
Name Address		Print Name — Phone No. —	1	
2		The state of the s	Fig.	100 (0.00 to 100
Phone No. Transporter Ticket # I hereby certify that the above named material	Land on state Generator's s	ite listed above and delivered without	incident to the disposal facility I	sted below.
I hereby certify that the above named material	s) was/were picked up at the deficiency.	4-8-20	0	RIVER'S SIGNATURE
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	The second secon	ING AREA
TRUCK TIME STAMP	DISP	OSAL FACILITY		
IN: OUT:	· DOA		Name/No.	
9 IN: 001.		United and	575-392-6368	K.
Site Name/ Permit No. Halfway Facility Permit No.	V / NM1-006	Phone No	1/3-39E-0000	
	62 / 180 Mile Marker 66 Carlsbad, NM 882	220	co -inco recotaents? (Circle	One) YES NO
NORM READINGS TAI		If YES, was reading	50 micro roentgents? (Circle	TAME TO THE TAME T
PASS THE PAINT FILTER T	FST? (Circle One) YES NO		-	
	TA	NK BOTTOMS		
Feet	Inches		/BBLS Received	BS&W (%)
1st Guage		- 55411	Free Water	
2nd Guage			Total Received	
Received		DENIED A COLUMN	f denied, why?	1
I hereby certify that the above load material	has been (circle one): ACCEPTED	DENIED	100	SIGNATURE
- Committee of the control of the co		NO.		SIGNATURE

Name	Brock Malan	Q.
Phone	No	

9	G	ENERATOR	NO.	W- 752445
Generator Manifest #		Location of Origin Lease/Well		
Generator Name	1 Waire FARROW	Name & No.	TAK Fed	# 20 H
Address		County in the Colores	(A) wn2502	16.0252
		API No.	0-10/5 50	5700
City, State, Zip Phone No.		Rig Name & No.		
	VEMPT E9.P Wasta/Copping Identification and A	— AFE/PO No. —		
Oil Based Muds	XEMPT E&P Waste/Service Identification and A NON-INJECTABLE WATERS	mount (place volume next to waste	OTHER EXEMPT E&P WAS	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable	e)	STREET ENERGY ECK. VINO	TE OTHERWO
Water Based Cuttings	Completion Fluid/Flow Back (No Produced Water (Non-Injectable	on-Injectable)e)	P.11	1
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (N	Von-Injectable)		JUNIA =
E&P Contaminated Soil Gas Plant Waste	INTERNAL USE ONLY Truck Washout (exempt waste)	VED. NO	TOP SOIL & CALICHE SALES	
WASTE GENERATION PROCESS:	☐ DRILLING ☐ COMPLETIC		QUANTITY	TOP SOIL CALICHE
WASTE GENERATION THOCESS.			☐ GATHERIN	NG LINES
Alln	NON-EXEMPT E&P W non-exempt E&P waste must be analysed and be below	aste/Service Identification and Amount w threshold limits for toxicity (TCLP). Id	nitability. Corrosivity adn Reac	tivity
Non-Exempt Other			rom Non-Exempt Waste Lis	
DISPOSAL QUANTITY	B - BARRELS			
Control of the Contro		L-LIQUID 26	Y - YARDS	E - EACH
packaged, and is in proper condition for	aterial(s), is (are) not hazardous waste as defined by 4 r transportation according to applicable regulation.	U CFR Part 261 or any applicable state	law. That each waste has been	n properly described, classified and
RCRA EXEMPT:	Oil field wastes generated from oil and gas explore	ation and production operation and are	not mixed with non-exempt w	este (R360 Accepts certifications on a
RCRA NON-EXEMPT:	per load basis only) Oil field waste which is non-hazardous that does n	at avacant the minimum atomicade for		and the second second
I HONA WON-EXCIVIT I.	40 CFR 261.21-261.24, or listed hazardous waste a	is defined by 40 CFR, part 261, subpart	D, as amended. The following	documentation demonstrating the
	waste as non-hazardous is attached. (Check the ap MSDS Information	propriate items as provided) RCRA Hazardous Waste Analysis	□ Other/	Provide Description Return
EMERGENCY NON-OILFIELD	Emergency non-hazardous, non-oilfield waste that			Provide Description Below)
	determination and a description of the waste must	accompany this form)	r dunc safety (the order, doct	internation of non-nazardous waste
Grey	Cholander			
(PRINT) AUTHORIZED	THE RESERVE TO SERVE THE PARTY OF THE PARTY	DATE	SIGNATURE	
Transporter's	IKA	NSPORTER	15 1	
Name Address	11 LEX MEX	Driver's Name	2022010	RUIZ
Phone No.		Print Name Phone No.		
Transporter Ticket #		Truck No.	8	
I hereby certify that the above named m	aterial(s) was/were picked up at the Generator's site		dent to the disposal facility lis	ted below,
SHIPMENT DATE	Sales Comments	2-8-25		
The second second second	ORIVER'S SIGNATURE	DELIVERY DATE	The same of the sa	/ER'S SIGNATURE
TRUCK TIME STA	21010	SAL FACILITY	RECEIVIN	NG AREA
IN:OUT:			Name/No.	
Site Name/ Permit No. Halfway Fa	cility / NM1-006	575	392-6368	
CC04 II-LL- II.	y US 62 / 180 Mile Marker 66 Carlsbad, NM 88220	Phone No. <u>575-</u>	392-0300	
NORM READING	S TAKEN? (Circle One) YES NO	If VEC was reading > E0 a	nicro roentgents? (Circle Or	W 1025 102
PASS THE PAINT FILT	ER TEST? (Circle One) YES NO	ii ico, was reading > 50 ii	licro roentgents? (Circle Or	ne) YES NO
NORM READING: PASS THE PAINT FILT		POTTOME		
st Guage Feet	Inches	BOTTOMS		
st Guage	- INNING	BS&W/BBLS	Received	BS&W (%)
×nd Guage			ree Water	
Received	the state of	Total	Received	
hereby certify that the above load mate	rial has been (circle one): ACCEPTED.	DENIED If denied	d, why?	
NAME (PRINT)	A			
NAME (PRINT)	DATE	TITLE		SIGNATURE
	White - R360 ORIGINAL Yellow- TRANSPOR	TER COPY Pink- GENERATOR SITE	COPY Gold- RETURN TO	GENERATOR



(PLEASE PRINT)

REQUIRED INFORMATION

Company Ma	an Contact Information
Name 2	ark Moldel
Phone No	

		GENE	RATOR	NO. HW	738791
Generator Manifest #	New Wa	We Energy	Location of Origin Lease/Well Name & No.	FWR Fed 7	
Address	TO CAN DOC	vermay y	County Meide	6:Napa25021	10252
Oin Order 7i-			API No.	0-615-505	900
City, State, Zip Phone No.			Rig Name & No AFE/PO No		
	PT E&P Waste/Service	a Identification and Amount		e type in barrels or cubic yards)	
Oil Based Muds Oil Based Cuttings	NON-II	NJECTABLE WATERS		OTHER EXEMPT E&P WASTE ST	REAMS
Water Based Muds Water Based Cuttings	Comple	ut Water (Non-Injectable) etion Fluid/Flow Back (Non-Inje	ctable)	DIV. A	anda ia -
Produced Formation Solids		ed Water (Non-Injectable) ing Line Water/Waste (Non-Inje	ectable)	DILL D	omps
Tank Bottoms E&P Contaminated Soil	- Annual Control of the Control of t	VAL USE ONLY		TOP SOIL & CALICHE SALES	
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING	Vashout (exempt waste) COMPLETION	YES NO PRODUCTION	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROGESS.	Dhilling				NES
	xempt E&P waste must I	non-exempt E&P waste/se be analysed and be below thres	ervice Identification and Amour shold limits for toxicity (TCLP), !	it gnitability, Corrosivity adn Reactivity	
Non-Exempt Other			*please select	from Non-Exempt Waste List on I	back
DISPOSAL QUANTITY	B - B	ARRELS	L-LIQUID 20	Y - YARDS	E - EACH
I hereby certify that the above listed material	al(s), is (are) not hazardou	us waste as defined by 40 CFR I	Part 261 or any applicable state	law. That each waste has been prop	perly described, classified and
	il field wastes generated		nd production operation and ar	e not mixed with non-exempt waste	(R360 Accepts certifications on a
Control of the Contro	er load basis only) if field waste which is no	on-hazardous that does not exce	eed the minimum standards for	waste hazardous by characteristics	established in RCRA regulations.
40	D CFR 261.21-261.24, or I	isted hazardous waste as define attached. (Check the appropria	ed by 40 CFR, part 261, subpar	t D, as amended. The following docu	mentation demonstrating the
	ISDS Information		Hazardous Waste Analysis	Other (Providence)	do Donovietion Poland
			inchi ciono i i date i il lai juli		de Description Below)
☐ EMERGENCY NON-OILFIELD E	mergency non-hazardous	, non-oilfield waste that has be	en ordered by the Department	of Public Safety (the order, document	
	etermination and a descr	, non-oilfield waste that has be iption of the waste must accom	en ordered by the Department		
	etermination and a descr	iption of the waste must accom	en ordered by the Department		
(PRINT) AUTHORIZED AGEN	etermination and a descr	iption of the waste must accom	en ordered by the Department opany this form)	of Public Safety (the order, document	
Brock A	etermination and a descr	iption of the waste must accom	en ordered by the Department npany this form)	of Public Safety (the order, document	
Transporter's Name Address	etermination and a descr	iption of the waste must accom	PORTER Driver's Name Print Name	of Public Safety (the order, document	
Transporter's Name Address Phone No.	etermination and a descr	iption of the waste must accom	PORTER Driver's Name Print Name Phone No.	of Public Safety (the order, document	
Transporter's Name Address	atermination and a descr ATS SIGNATURE	TRANS	PORTER Driver's Name Print Name Phone No. Truck No.	of Public Safety (the order, document	tation of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material	atermination and a descr its SIGNATURE	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without income	of Public Safety (the order, document SIGNATURE	ration of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named materials	atermination and a descr sts Signature fal(s) was/were picked up	TRANS p at the Generator's site listed a	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in	of Public Safety (the order, document signature signature cident to the disposal facility listed by driver's signature signature.	ration of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM	atermination and a descr sts Signature fal(s) was/were picked up	TRANS p at the Generator's site listed a	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without income	of Public Safety (the order, document SIGNATURE cident to the disposal facility listed b DRIVER'S S RECEIVING A	ration of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT:	ial(s) was/were picked up	TRANS p at the Generator's site listed a	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in	of Public Safety (the order, document signature signature cident to the disposal facility listed by driver's signature signature.	elow.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT:	ial(s) was/were picked uponiver's sign	TRANS Dat the Generator's site listed a VATURE DISPOSAL	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in	of Public Safety (the order, document SIGNATURE cident to the disposal facility listed b DRIVER'S S RECEIVING A	ration of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT:	ial(s) was/were picked uponiver's sign	TRANS DISPOSAL Carlsbad, NM 88220	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE Phone No. 575	cident to the disposal facility listed by PRECEIVING ANAME/No.	elow. SIGNATURE
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT:	Tal(s) was/were picked up the	TRANS DISPOSAL Carlsbad, NM 88220 YES NO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE Phone No. 575	of Public Safety (the order, document SIGNATURE cident to the disposal facility listed by DRIVER'S SIGNATURE	elow. SIGNATURE
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT:	Tal(s) was/were picked up the	TRANS TRANS DISPOSAL Carlsbad, NM 88220 YES NO YES NO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE Phone No. TFACILITY Phone No. 1f YES, was reading > 50	cident to the disposal facility listed by PRECEIVING ANAME/No.	elow. SIGNATURE
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material shipment date TRUCK TIME STAM IN: OUT: Halfway Facilia 6601 Hobbs Hwy US NORM READINGS TA PASS THE PAINT FILTER	ial(s) was/were picked uponiver's sign P ity / NM1-006 662/180 Mile Marker 6 KEN? (Circle One) TEST? (Circle One)	TRANS TRANS DISPOSAL Carlsbad, NM 88220 YES NO TANK BO TANK BO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE Phone No. TFACILITY Phone No. 1f YES, was reading > 50	cident to the disposal facility listed by PRECEIVING ANAME/No.	ration of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material shipment date TRUCK TIME STAM IN: OUT: Halfway Facilia 6601 Hobbs Hwy US NORM READINGS TA PASS THE PAINT FILTER	ial(s) was/were picked uponiver's sign P ity / NM1-006 662/180 Mile Marker 6 KEN? (Circle One) TEST? (Circle One)	TRANS TRANS DISPOSAL Carlsbad, NM 88220 YES NO YES NO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE FACILITY Phone No. If YES, was reading > 50 TTOMS BS&W/BBL	cident to the disposal facility listed by DRIVER'S S RECEIVING A Name/No. i-392-6368 micro roentgents? (Circle One)	ration of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAM IN: OUT: Halfway Facili 6601 Hobbs Hwy US NORM READINGS TA PASS THE PAINT FILTER Feet Feet	ial(s) was/were picked uponiver's sign P ity / NM1-006 662/180 Mile Marker 6 KEN? (Circle One) TEST? (Circle One)	TRANS TRANS DISPOSAL Carlsbad, NM 88220 YES NO TANK BO TANK BO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE Phone No. If YES, was reading > 50 TTOMS BS&W/BBL	cident to the disposal facility listed by DRIVER'S RECEIVING A Name/No. i-392-6368 micro roentgents? (Circle One)	elow. SIGNATURE AREA YES NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAM IN: OUT: Halfway Facili 6601 Hobbs Hwy US NORM READINGS TA PASS THE PAINT FILTER Feet Feet Feet	tal(s) was/were picked uponiver's sign paiver's si	TRANS TRANS DISPOSAL Carlsbad, NM 88220 YES NO TANK BO hes	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE FACILITY Phone No. If YES, was reading > 50 TTOMS BS&W/BBL Tota	of Public Safety (the order, document SIGNATURE SIGNATURE Cident to the disposal facility listed by DRIVER'S SIGNATURE RECEIVING A Name/No. i-392-6368 micro roentgents? (Circle One) S Received Free Water Gircle Received Gircle Receive	ration of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mater SHIPMENT DATE TRUCK TIME STAM IN: OUT: Halfway Facili 6601 Hobbs Hwy US NORM READINGS TA PASS THE PAINT FILTER Feet Feet	tal(s) was/were picked uponiver's sign paiver's si	TRANS TRANS DISPOSAL Carlsbad, NM 88220 YES NO TANK BO hes	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without in DELIVERY DATE FACILITY Phone No. If YES, was reading > 50 TTOMS BS&W/BBL Tota	cident to the disposal facility listed by DRIVER'S RECEIVING A Name/No. i-392-6368 micro roentgents? (Circle One)	ration of non-hazardous waste

PR36

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man	Contact	Information
Name 1	mic	fo 14	lother.

Phone No.

9 7	GEN	IERATOR	NO. HW- 738794
Generator Name Address	Wave Freigh	Location of Origin Lease/Well Name & No. County	NM Fed # 28 H
City, State, Zip Phone No.		Rig Name & No	
Oil Based Muds	EMPT E&P Waste/Service Identification and Amor	unt (place volume next to waste	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Infectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-INTERNAL USE ONLY Truck Washout (exempt waste)		TOP SOIL & CALICHE SALES TOP SOIL CALICHE
WASTE GENERATION PROCESS:	☐ DRILLING ☐ COMPLETION	☐ PRODUCTION	GATHERING LINES
Alle	NON-EXEMPT E&P Wast	e/Service Identification and Amount	hatella para di la cali para di la
Non-Exempt Other	on-exempt E&P waste must be analysed and be below the		om Non-Exempt Waste List on back
DISPOSAL QUANTITY.	B - BARRELS	L-LIQUID 20	Y - YARDS E - EACH
RCRA NON-EXEMPT:	per load basis only) Oil field waste which is non-hazardous that does not 40 CFR 261.21-261.24, or listed hazardous waste as d waste as non-hazardous is attached. (Check the approximately MSDS Information RCR	exceed the minimum standards for w efined by 40 CFR, part 261, subpart D spriate items as provided) RA Hazardous Waste Analysis s been ordered by the Department of	aste hazardous by characteristics established in RCRA regulations, on a aste hazardous by characteristics established in RCRA regulations, o, as amended. The following documentation demonstrating the Other (Provide Description Below) Public Safety (the order, documentation of non-hazardous waste
(PRINT) AUTHORIZED	AGENTS SIGNATURE	DATE	SIGNATURE
Transporter's Name Address Phone No. Transporter Ticket #	TRAN TRAN aterial(s) was/were picked up at the Generator's site list	Driver's Name Print Name Phone No. Truck No. ed above and delivered without incide	Pont to the disposal facility listed below
7-2-25	Aller .	3-7-25	1324
TRUCK TIME STA		AL FACILITY	RECEIVING AREA Name/No.
ddress 6601 Hobbs Hw	cility / NM1-006 y US 62 / 180 Mile Marker 66 Carlsbad, NM 88220 S TAKEN? (Circle One) YES NO ER TEST? (Circle One) YES NO		icro roentgents? (Circle One) YES NO
st Guage Feet Feet Feet Feet Feet Feet Feet Fe	Inches		Received BS&W (%) ee Water Received
ereby certify that the above load mater	r(al has been (circle one): ACCEPTED	DENIED If denied	I, why?



(PLEASE PRINT)

REQUIRED INFORMATION

Compa	any Mar	Contact	Information
Name	P.	st 19	aldler.
Phone	No		

11		GENERATOR	No. HW- 731	8793
Generator Manifest #	Wave Energy	Location of Origin Lease/Well Name & No. County	-NM Fed # 281	4
City, State, Zip Phone No.		API No API No API No AFE/PO No	a-6/F 90598a	
Oil Based Muds	EMPT E&P Waste/Service Identification an			100000000000000000000000000000000000000
Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS Washout Water (Non-Injec Completion Fluid/Flow Bac Produced Water (Non-Injec Gathering Line Water/Was INTERNAL USE ONLY	table) k (Non-Injectable) table) te (Non-Injectable)	OTHER EXEMPT E&P WASTE STREAMS BY TOP SOIL & CALICHE SALES	
Gas Plant Waste WASTE GENERATION PROCESS:	Truck Washout (exempt wa		QUANTITY TOP SOIL	CALICHE
WASTE GENERATION PROCESS.				
All n Non-Exempt Other	on-exempt E&P waste must be analysed and bo l		gnnability, Corresivity adn Reactivity. from Non-Exempt Waste List on back	
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID 2	Y-YARDS E-	EACH
RCRA NON-EXEMPT:	40 CFR 261.21-261.24, or listed hazardous was waste as non-hazardous is attached. (Check the MSDS Information	te as defined by 40 CFR, part 261, subpar e appropriate items as provided) RCRA Hazardous Waste Analysis that has been ordered by the Department	waste hazardous by characteristics established t D, as amended. The following documentation of Other (Provide Description of Public Safety (the order, documentation of not	demonstrating the on Below)
(PRINT) AUTHORIZED	AGENTS SIGNATURE	DATE	SIGNATURE	
Transporter's Name	o Tex Mex	PANSPORTER Driver's Name	Gu-Lavo Ruiz	
Address Phone No. Transporter Ticket #		Print Name Phone No. Truck No.	7.2	
hereby certify that the above named management date	aterial(s) was/were picked up at the Generator's		cident to the disposal facility listed below.	
TRUCK TIME STA		OSAL FACILITY	RECEIVING AREA Name/No.	
	cility / NM1-006 y US 62 / 180 Mile Marker 66 Carlsbad, NM 882	Phone No. <u>575</u>	-392-6368	
NORM READINGS PASS THE PAINT FILT	THE RESERVE TO THE PERSON NAMED IN COLUMN TWO		micro roentgents? (Circle One) YES	NO
Feet		NK BOTTOMS		
st Guage 2nd Guage 2nd Guage	Inches		S Received BS&W (% Free Water all Received)
ereby certify that the above load mate	rial has been (circle one): ACCEPTED	DENIED If deni	ed, why?	1

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man	Contact	Information
Name _	1		

Vame		ui) ddii	tott ii	il Oilli	ation	
hone	No					
35	79	59				

				FIIO	ne No
Operator No.			ermit/RRC No.	NO. 3	57959
Operators Name Address	Dave In	MAN .	ease/Well Jame & No.	NR Fed #	SH
			Pl No.	D-015-50596	272
City, State, Zip		P	ig Name & No		
Phone No.	VEMPT E&P Waste/Seption		FE/PO No		
Oil Based Muds	NON-IN	dentification and Amount (place) JECTABLE WATERS	e volume next to waste	OTHER EXEMPT WASTES (type	and generation process of the waste)
Oil Based Cuttings Water Based Muds	Washo	ut Water (Non-Injectable) tion Fluid/Flow Back (Non-Injectable		STATE OF THE PARTY	and perendituri process of the waster
Water Based Cuttings Produced Formation Solids	Produce	ed Water (Non-Injectable)		N. 1/2 2000	-
Tank Bottoms E&P Contaminated Soil	- Contraction of the Contraction	ng Line Water/Waste (Non-Injectable) AL USE ONLY	e)	Your I	
Gas Plant Waste	The state of the s	/ashout (exempt waste)			
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	☐ GATHERING	LINES
All	non-exempt E&P waste must b	NON-EXEMPT E&P Waste/Service e analysed and be below threshold i	Identification and Amount	oltability Correspondence December	
Non-Exempt Other		e shary account the should		om Non-Exempt Waste List on	
QUANTITY	B-BAI	RRELS		Y-YARDS	E-EACH
I hereby certify that the above listed m	naterial(s), is (are) not hazardou	s waste as defined by 40 CFR Part 2	61 or any applicable state I		
packaged, and is in proper condition for RCRA EXEMPT:	n transportation according to a	pplicable regulation,			
I HUNA EACIVIFI.	per load basis only)	from oil and gas exploration and pro	duction operation and are	not mixed with non-exempt waste	(R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is not	n-hazardous that does not exceed the	e minimum standards for w	aste hazardous by characteristics	s established in RCRA regulations,
	waste as non-hazardous is	sted hazardous waste as defined by attached. (Check the appropriate ite	ms as provided)	J, as amended. The following doc	umentation demonstrating the
	MSDS Information	RCRA Hazard	ous Waste Analysis	Other (Prov	ride Description Below)
(PRINT) AUTHORIZE	D AGENTS SIGNATURE	DATE		SIGNATURE	
Transporter's	Tex Max	TRANSPO			
Name Address	Lex Tries		iver's Name	the bare	-
MORION.			one No	la .	
Phone No.		W	HP No.		
hereby certify that the above named in	naterial(s) was/were picked up	at the Generator's site listed above	and delivered without incid	lent to the disposal facility listed	below.
SHIPMENT DATE	DRIVER'S SIGNA	NTURE	DELIVERY DATE	DRIVER'S	SIGNATURE
TRUCK TIME ST	100,100	DISPOSAL FA	CILITY	RECEIVING	AREA
IN:OUT			1	Name/No	6
Site Name/ Permit No. Red Bluff F	acility / STF-065	arrway on	422.4	148-4239	
	vy 285, Orla, TX 79770	Pho	one No	148-4239	
NORM READING	S TAKEN? (Circle One)		ES, was reading > 50 m	icro roentgents? (Circle One)	YES NO
		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS			
Feet	Inch	TANK BOTT			
at Guage			The second secon	Received	BS&W (%)
ceived				ee Water Received	
ereby certify that the above load mate	erial has been (circle one)	ACCEPTED DENIEL			
SHUM CHOICA O		/ a to lac	Monday If denied	, wily!	
NAME (PRINT)		DATE	TITLE	SIGN	ATURE
Description of the second					-



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man	Contact I	nformation
Name	1110	burker

os mescunions					a man and a man
		GENE	RATOR	NO.	HW-,743606
Generator Manifest #	WLIEVE	CNV	Location of Origin . Lease/Well	JAK L	col
Generator Name			Name & No.	FF-26	11
Address			County API No.	30.0156	5900
City, State, Zip			Rig Name & No.	WAPF 2502	160252
Phone No.	VIEW TO CALL		AFE/PO No.		
Oil Based Muds	the same of the sa	ce Identification and Amount INJECTABLE WATERS	(place volume next to wa	OTHER EXEMPT E&P WA	
Oil Based Cuttings Water Based Muds		nout Water (Non-Injectable) pletion Fluid/Flow Back (Non-Inje	actable)	-	
Water Based Cuttings Produced Formation Solids	Produ	iced Water (Non-Injectable) ering Line Water/Waste (Non-Inj	1		
Tank Bottoms E&P Contaminated Soil	APACTEMENT .	RNAL USE ONLY	ectable)	TOP SOIL & CALICHE SAL	ES -
Gas Plant Waste		Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION		RING LINES
ÁII	non-exempt E&P waste mus	NON-EXEMPT E&P Waste/S t be analysed and be below thre	ervice Identification and Amo shold limits for toxicity (TCLP	ount), Ignitability, Corresivity adn Re	activity.
Non-Exempt Other			*please sele	ct from Non-Exempt Waste L	ist on back
DISPOSAL QUANTITY	8-	BARRELS	L-LIQUID	Y-YARDS>	E - EACH
I hereby certify that the above listed in	naterial(s), is (are) not hazard	ous waste as defined by 40 CFR	Part 261 or any applicable st	ate law. That each waste has b	een properly described, classified and
packaged, and is in proper condition for RCRA EXEMPT:			and production operation and	are not mixed with non-exempt	waste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is	non-hazardous that does not exc	eed the minimum standards	for waste hazardous by characte	eristics established in RCRA regulations,
		r listed hazardous waste as define is attached. (Check the appropri		part D, as amended. The followi	ng documentation demonstrating the
	MSDS Information		Hazardous Waste Analysis		r (Provide Description Below)
EMERGENCY NON-OILFIELD		us, non-oilfield waste that has be cription of the waste must accor		nt of Public Safety (the order, de	ocumentation of non-hazardous waste
		TO SELECT THE SECOND SECOND	The state of the s		
(PRINT) AUTHORIZE	D AGENTS SIGNATURE	The second second	DATE	SIGNATUR	
Table despession			DODTED	11-1	
Transporter's	5-0	InANO	PORTER Driver's Name	Hiel	Lone
Name Address	no Tex	med	Priver's NamePrint Name	Hiller 1	dance
Address Phone No.	-02 Tex 13-209-	11ANO	Driver's Name Print Name Phone No	Hiller 1	Janes Grand
Name Address Phone No. Transporter Ticket #	material(s) was/were picked	VDC 1	Driver's Name Print Name Phone No Truck No	incident to the disposal-facility	Janes Valual
Name Address Phone No. Transporter Ticket # I hereby certify that the above named	19	up at the Generator's site listed	Driver's Name Print Name Phone No. Truck No. above and delivered without	05 04	listed below/
Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE	ORIVER'S S	up at the Generator's site listed	Driver's Name Print Name Phone No. Truck No. above and delivered without	2 24	listed below.
Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S	ORIVER'S S	up at the Generator's site listed	Driver's Name Print Name Phone No. Truck No. above and delivered without	2 24	listed below/
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME ST IN: OU	ORIVER'S S TAMP T:	up at the Generator's site listed	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY	RECEIV Name/No	listed below.
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME ST IN: OU	TAMP T:acility / NM1-006	up at the Generator's site listed	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY	RECEIV	listed below.
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU TRUCK TIME S' IN: OU TRUCK TIME S' Address Halfway F 6601 Hobbs H	ORIVER'S S TAMP T:acility / NM1-006 wy US 62 / 180 Mile Marke	up at the Generator's site listed IGNATURE DISPOSA 1 66 Carlsbad, NM 88220	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. 5	RECEIV Name/No	listed below/ DRIVER'S SIGNATURE //ING AREA
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Ite Name/ Permit No. Address NORM READIN	TAMP T:acility / NM1-006	up at the Generator's site listed	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. 5	RECEIV Name/No	listed below/ DRIVER'S SIGNATURE //ING AREA
Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Ite Name/ Permit No. Address NORM READIN	ORIVER'S S TAMP T:acility / NM1-006 wy US 62 / 180 Mile Market GS TAKEN? (Circle One)	Up at the Generator's site listed IGNATURE DISPOSA 1 66 Carlsbad, NM 88220 YES NO YES NO	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. 5	RECEIV Name/No	listed below/ DRIVER'S SIGNATURE //ING AREA
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Ite Name/ Fermit No. Address NORM READIN PASS THE PAINT FI	ORIVER'S S TAMP T:acility / NM1-006 wy US 62 / 180 Mile Marke GS TAKEN? (Circle One) LTER TEST? (Circle One)	Up at the Generator's site listed IGNATURE DISPOSA 1 66 Carlsbad, NM 88220 YES NO YES NO	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading >	RECEIV Name/No	One) YES NO
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Ite Name/ Permit No. Address NORM READIN PASS THE PAINT FI	ORIVER'S S TAMP T:acility / NM1-006 wy US 62 / 180 Mile Marke GS TAKEN? (Circle One) LTER TEST? (Circle One)	up at the Generator's site listed IGNATURE DISPOSA 166 Carlsbad, NM 88220 YES NO YES NO TANK B	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > OTTOMS BS&W/B	RECEIV Name/No	listed below/ DRIVER'S SIGNATURE //ING AREA
Name Address Phone No. Transporter Ticket # I hereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU te Name/ Permit No. Address NORM READIN PASS THE PAINT FI	ORIVER'S S TAMP T:acility / NM1-006 wy US 62 / 180 Mile Marke GS TAKEN? (Circle One) LTER TEST? (Circle One)	up at the Generator's site listed IGNATURE DISPOSA 166 Carlsbad, NM 88220 YES NO YES NO TANK B	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > OTTOMS BS&W/B	RECEIV Name/No	One) YES NO
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Ite Name/ Permit No. Address NORM READIN PASS THE PAINT FI Feet Truck Time S' Feet Feet Feet Feet	ORIVER'S S TAMP T:acility / NM1-006 wy US 62 / 180 Mile Marke GS TAKEN? (Circle One) LTER TEST? (Circle One)	up at the Generator's site listed IGNATURE DISPOSA 166 Carlsbad, NM 88220 YES NO YES NO TANK B	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > OTTOMS BS&W/B	RECEIV Name/No	One) YES NO
Name Address Phone No. Transporter Ticket # Thereby certify that the above named SHIPMENT DATE TRUCK TIME S' IN: OU Ite Name/ Permit No. Address NORM READIN PASS THE PAINT FI Feet St Guage Acceived	ORIVER'S S TAMP T:acility / NM1-006 wy US 62 / 180 Mile Marke GS TAKEN? (Circle One) LTER TEST? (Circle One)	Up at the Generator's site listed IGNATURE DISPOSA 166 Carlsbad, NM 88220 YES NO YES NO TANK B Inches	Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVERY DATE L FACILITY Phone No. If YES, was reading > OTTOMS BS&W/B	RECEIV Name/No	One) YES NO

(PLEASE PRINT) *REQUIRED INFORMATION

	Company	Man	Contact	Information
*	Name _	10	De	acker

solutions		41.55			Phone No
Page		GENE	RATOR	NO.	W-7037873
Generator Manifest #	ul place	trace V	Location of Origin _ Lease/Well	ENKI	col
Generator Name			Name & No.	77.20	H
Address			County _ API No	50-1015 ED	(613/)
City, State, Zip			Rig Name & No.	WART 250211	10250
Phone No.	VEN ART FOR DAY 10 TO		AFE/PO No. –		
Oil Based Muds		e Identification and Amoun NJECTABLE WATERS	t (place volume next to was	te type in barrels or cubic ya OTHER EXEMPT E&P WAS	
Oil Based Cuttings Water Based Muds	- Washo	out Water (Non-Injectable) etion Fluid/Flow Back (Non-Inje	actable)		IS OTTENING
Water Based Cuttings Produced Formation Solids	Produc	ed Water (Non-Injectable) ing Line Water/Waste (Non-In			
Tank Bottoms E&P Contaminated Soil		NAL USE ONLY	jectable)	TOP SOIL & CALICHE SALES	
Gas Plant Waste		Vashout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTIO		NG LINES
Alla	on-exempt E&P waste must	NON-EXEMPT E&P Waste/S be analysed and be below thre	Service Identification and Amou shold limits for toxicity (TCLP)	int Ignitability, Corrosivity adn Read	livity.
Non-Exempt Other				t from Non-Exempt Waste Lis	
DISPOSAL QUANTITY	B - B	ARRELS	L-LIQUID	O Y - YARDS	E - EACH
I hereby certify that the above listed m	aterial(s), is (are) not hazardo	us waste as defined by 40 CFR	Part 261 or any applicable stat	te law. That each waste has been	properly described, classified and
packaged, and is in proper condition fo RCRA EXEMPT:			and production operation and a	re not mixed with non-exempt w	aste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	per load basis only)				
I HCHA NON-EXEMPT.	40 CFR 261.21-261.24, or	listed hazardous waste as defi	ned by 40 CFR, part 261, subpa	r waste hazardous by characters ort D, as amended. The following	stics established in RCRA regulations, documentation demonstrating the
	MSDS Information	s attached. (Check the appropri	late items as provided) Hazardous Waste Analysis	Other (Provide Description Below)
■ EMERGENCY NON-OILFIELD	Emergency non-hazardous	, non-oilfield waste that has be	een ordered by the Department		mentation of non-hazardous waste
	determination and a descr	iption of the waste must accor	mpany this form)		
(PRINT) AUTHORIZED	AGENTS SIGNATURE	The second second	ATE	SIGNATURE	
Transporter's		TRANS	PORTER	11.	
Name Address	1201 135	-	Driver's Name	19 1/16 / By	And the same of th
	204:430	20	Print Name Phone No	1381612211	z-nest
Transporter Ticket #			Truck No	101 18011	dust.
I hereby certify that the above named in	aterial(s) was/were picked u	p at the Generator's site listed	above and delivered without in	ncident to the disposal facility lis	ted below.
SHIPMENT DATE	DRIVER'S SIGN	THE RESERVE OF THE PERSON NAMED IN	DELIVERY DATE	DAN	YER'S SIGNATURE
TRUCK TIME ST.		DISPOSA	L FACILITY	RECEIVIN	IG AREA
IN:OUT				Name/No	0
Site Name/ ermit No. Halfway Fa	cility / NM1-006		Phone No. 57	5-392-6368	
Address 6601 Hobbs Hw	y US 62 / 180 Mile Marker 6	6 Carlsbad, NM 88220	11010101		
	S TAKEN? (Circle One)	YES (NO	If YES, was reading > 50) micro roentgents? (Circle Or	ne) YES NO
PASS THE PAINT FIL	ER TEST? (Circle One)	YES NO			
Feet Feet	los	TANK BO	OTTOMS		
t Guage	1100		BS&W/BBI	LS Received	BS&W (%)
2nd Guage Beceived			Tot	Free Water al Received	
Energy certify that the above load mate	rial has been (circle one)	ACCEPTED.		nied, why?	
= Allenda	and a continue and the	3/2-1/05	A D Mar	A.D.	
NAME (PRINT)		DATE	TITLE		SIGNATURE
22 128		Orace.			SIGNATURE

AOTE MAINI LOT

Company	Man	Contact	Infor	nation
Mama	40	- 1c /	20	120

hor		

(PLEASE PRINT)	*REQUIRED INFORMATION*	
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Generator Manifect # / / Cw Us		RATOR	Bar	NO. HW- 739	6 63 13
Generator Manifest #	VE GNETSY	Location of Origin	#NR I	sed 1 28	H
Generator Name	11.	Lease/Well Name & No.	Tru dente	11ADP5021	10251
Address		County	G chelan	MATERIAL TO	0 - 1 - 1 -
A TATALAN TO THE PARTY OF THE P		API No.	34-646	5- 525500	
City, State, Zip		Rig Name & No.			
Phone No.		AFE/PO No			
Oil Based Muds	e/Service Identification and Amount NON-INJECTABLE WATERS	t (place volume next to waste			
Oil Based Cuttings	Washout Water (Non-Injectable)		OTHER EXEMPT	E&P WASTE STREAMS	
Water Based Muds Water Based Cuttings	Completion Fluid/Flow Back (Non-Inje	ectable)	1 12	Sollis	
Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inj	jectable)	10	70.17	
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY		TOP SOIL & CALIC	CHE SALES	
Gas Plant Waste	Truck Washout (exempt waste)	YES (NO)	QUANTITY	TOP SOIL	CALICHE
WASTE GENERATION PROCESS: DRILLIN	IG COMPLETION	☐ PRODUCTION		GATHERING LINES	
All roce account EQD.	NON-EXEMPT E&P Waste/S	Service Identification and Amoun	t de la companya de	Mark and a second	
Non-Exempt Other	te must be analysed and be below three	Commence of the Party of the Pa	mitability, Corrosivity from Non-Exempt V	CAPE CALCULATION AND ADDRESS OF THE PARTY OF	
				vaste List on Dack	
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID	Y-YARDS) E - E,	
I hereby certify that the above listed material(s), is (are) no packaged, and is in proper condition for transportation according to the packaged of the proper condition for transportation according to the proper condition of the proper conditi	hazardous waste as defined by 40 CFR	Part 261 or any applicable state	law. That each wast	te has been properly describe	d, classified and
	penerated from oil and gas exploration a	and production operation and are	not mixed with non-	exempt waste (R360 Accepts	s certifications on a
per load basis or	ly)				
RCRA NON-EXEMPT: Oil field waste w	hich is non-hazardous that does not exc 1.24, or listed hazardous waste as defir	eed the minimum standards for	waste hazardous by	characteristics established in	RCRA regulations.
waste as non-ha	rardous is attached. (Check the appropri	iate items as provided)	u, as amended. The	rollowing documentation der	nonstrating the
	0004				
MSDS Information		Hazardous Waste Analysis		Other (Provide Description	
EMERGENCY NON-DILFIELD Emergency non-h	azardous, non-oilfield waste that has be	een ordered by the Department of	of Public Safety (the c		
EMERGENCY NON-DILFIELD Emergency non-h		een ordered by the Department of	of Public Safety (the c		
EMERGENCY NON-DILFIELD Emergency non-h	azardous, non-oilfield waste that has be d a description of the waste must accom	een ordered by the Department of			
EMERGENCY NON-OILFIELD Emergency non-industrial determination and (PRINT) AUTHORIZED AGENTS SIGNATURE	azardous, non-oilfield waste that has be d a description of the waste must accom	een ordered by the Department on pany this form)		order, documentation of non-h	
Emergency non-lidetermination and	azardous, non-oilfield waste that has be d a description of the waste must accom	een ordered by the Department on pany this form) ATE PORTER		order, documentation of non-h	
EMERGENCY NON-OILFIELD Emergency non-industry determination and (PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's	azardous, non-oilfield waste that has be d a description of the waste must accom	een ordered by the Department on npany this form)		order, documentation of non-h	
EMERGENCY NON-OILFIELD Emergency non-hodetermination and (PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Name Address Phone No. (43 2) 1/9 4	azardous, non-oilfield waste that has be d a description of the waste must accom	PORTER Driver's Name Print Name Phone No.		order, documentation of non-h	
EMERGENCY NON-OILFIELD Emergency non-hodetermination and (PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Name Address Phone No. (43 2) 1 //5 4 Transporter Ticket #	azardous, non-oilfield waste that has be did a description of the waste must accondition to the waste that has be did not according to the waste that has be did not according to the waste that has be did not according to the waste must accord	PORTER Driver's Name Print Name Phone No. Truck No.	91 53	SIGNATURE ALL ALL RE	
EMERGENCY NON-OILFIELD Emergency non-hodetermination and (PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Name Address Phone No. (43 2) 1/9 4	azardous, non-oilfield waste that has be did a description of the waste must accondition to the waste that has be did not according to the waste that has be did not according to the waste that has be did not according to the waste must accord	PORTER Driver's Name Print Name Phone No. Truck No.	91 53	SIGNATURE SIGNATURE SIGNATURE SIGNATURE	nazardous waste
EMERGENCY NON-OILFIELD Emergency non-indetermination and determination and (PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Name Address Phone No. Transporter Ticket # hereby certify that the above named material(s) was/were	azardous, non-oilfield waste that has be did a description of the waste must accondition to the waste that has be did not according to the waste that has be did not according to the waste that has be did not according to the waste must accord	PORTER Driver's Name Print Name Phone No. Truck No.	91 53	SIGNATURE SIGNATURE SIGNATURE SIGNATURE	
EMERGENCY NON-OILFIELD Emergency non-indetermination and determination and (PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Name Address Phone No. Transporter Ticket # hereby certify that the above named material(s) was/were	picked up at the Generator's site listed	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	sident to the disposal	Facility listed below.	nazardous waste
EMERGENCY NON-OILFIELD Emergency non-indetermination and determination and determin	picked up at the Generator's site listed	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	ident to the disposal	SIGNATURE facility listed below.	nazardous waste
EMERGENCY NON-OILFIELD Emergency non-idetermination and determination and determination and (PRINT) AUTHORIZED AGENTS SIGNATURE Transporter's Name Address Phone No. Transporter Ticket #	picked up at the Generator's site listed DISPOSAL	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	sident to the disposal	Facility listed below.	nazardous waste
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Image EMERGENCY NON-OILFIELD Emergency non-indetermination and determination and determination and (PRINT) AUTHORIZED AGENTS SIGNATURE Image	picked up at the Generator's site listed DISPOSAL DISP	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 1f YES, was reading > 50 or DTTOMS BS&W/BBLS	ident to the disposal R Name/No	facility listed below, ORIVER'S SIGNATURE ECELVING AREA (Circle One) YES	nazardous waste
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Image EMERGENCY NON-OILFIELD Emergency non-fedetermination and determination and	picked up at the Generator's site listed DISPOSAL DISPOSAL DISPOSAL DISPOSAL NO DISPOSAL NO DISPOSAL NO DISPOSAL TANK BO Inches	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 1f YES, was reading > 50 or DTTOMS BS&W/BBLS Fortal	ident to the disposal R Name/No392-6368 micro roentgents?	facility listed below, ORIVER'S SIGNATURE ECELVING AREA (Circle One) YES	nazardous waste
Emergency non-idetermination and determination a	picked up at the Generator's site listed DISPOSAL DISPOSAL DISPOSAL DISPOSAL NO DISPOSAL NO DISPOSAL NO DISPOSAL TANK BO Inches	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 1f YES, was reading > 50 or DTTOMS BS&W/BBLS Fortal	ident to the disposal R Name/No392-6368 micro roentgents? B Received ree Water Received	facility listed below, ORIVER'S SIGNATURE ECELVING AREA (Circle One) YES	nazardous waste

Company	Man	Contact	Info	rmatio	n
Name	Br	- 10	1	Re	La-

For R360 ENVIRONMENTAL SOLUTIONS	(PLEASE		ED INFORMATION* Name	Per fo
Page	GENER	ATOR	NO. HW. 703991	ri
Generator Manifest #	Yners'4	Location of Origin Lease/Well Name & No. County API No.	FAR (4 # 2503981	
Phone No.		Rig Name & No AFE/PO No		_
Oit Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	/Service Identification and Amount (p NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injec	place volume next to wast	OTHER EXEMPT E&P WASTE STREAMS	
E&P Contaminated Soil	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	
Gas Plant Waste	Truck Washout (exempt waste)	YES (NO)	QUANTITY TOP SOIL CALICHE	
WASTE GENERATION PROCESS: DRILLIN		PRODUCTION		
All non-exempt E&P was Non-Exempt Other	NON-EXEMPT E&P Waste/Serv e must be analysed and be below thresho	old limits for toxicity (TCLP), le	it phitability, Corrosivity adn Reactivity. From Non-Exempt Waste List on back	
DISPOSAL QUANTITY	B - BARRELS	- LIQUID	Y - YARDS E - EACH	
RCRA NON-EXEMPT: Oil field waste what the determination and the de	ich is non-hazardous that does not exceed. 24, or listed hazardous waste as defined ridous is attached. (Check the appropriate RCRA Hazardous, non-oilfield waste that has been a description of the waste must accompand the right results are results and results are results and results are result	the minimum standards for by 40 CFR, part 261, subpart items as provided) ardous Waste Analysis ordered by the Department only this form) ORTER Driver's Name Print Name Phone No. Truck No.	a not mixed with non-exempt waste (R360 Accepts certification) waste hazardous by characteristics established in RCRA regul D, as amended. The following documentation demonstrating Other (Provide Description Below) of Public Safety (the order, documentation of non-hazardous wasterness.)	lations, the
I hereby certify that the above named material(s) was/were p	icked up at the Generator's site listed abo	ove and delivered without inc	ident to the disposal facility listed below.	
SHIPMENT DATE DHI	ER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE	_
TRUCK TIME STAMP IN:OUT:	DISPOSAL	FACILITY	Name/NoRECEIVING AREA	
Halfway Facility / NIM1-000 6601 Hobbs Hwy US 62 / 180 Mile M NORM READINGS TAKEN? (Circle O PASS THE PAINT FILTER TEST? (Circle O	arker 66 Carlsbad, NM 88220		392-6368	Ma 55-56-1-3600/9/8
NORM READINGS TAKEN? (Circle O PASS THE PAINT FILTER TEST? (Circle O	ne) YES NO	The second	micro roentgents? (Circle One) YES NO	7075 7.
Feet	TANK BOT	TOMS		/9/8
Feet Feet Guage Gard Gard Guage Gard Gard Guage Gard Gard Guage Gard Gard Guage Gard Gard Gard Gard Gard Gard Gard Gard			Received BS&W (%) ree Water Received	
Pareby certify that the above load material has been (circle of NAME (PRINT)	ACCEPTED DEF	NIED If denie	d, why?	The second of the second of
White - R360 OF	IGINAL Yellow- TRANSPORTER COP	Y Pink- GENERATOR SIT	E COPY Gold- RETURN TO GENERATOR	a

V A	
Name _ Some Some	16-110+

NEW MEXICO NON-HAZARDOUS OILFIELD	WASTE MANIFEST	Company Man
(PLEASE PRINT)	*REQUIRED INFORMATION*	Name
(FEEASE FINNT)	HEGGINED INFONIVIATION	Phone No

Generator Manifest #		GEN	ERATOR	NO.	HW- 70007
Generator ividiniest #	Many	Energy	Location of Origin _	INP End	= 28-,000
Generator Name			Lease/Well Name & No.	Inches nA	CP2502160252
Address			County	30-615-505	6.00
City, State, Zip			API No Rig Name & No	30-015-505	, 100
Phone No.			AFE/PO No.		
		rvice Identification and Amou	nt (place volume next to was		
Oil Based Muds Oil Based Cuttings		ON-INJECTABLE WATERS ashout Water (Non-Injectable)		OTHER EXEMPT E&P V	VASTE STREAMS
Water Based Muds Water Based Cuttings	Co	mpletion Fluid/Flow Back (Non-In oduced Water (Non-Injectable)	jectable)	Be	
Produced Formation Solids Tank Bottoms	Ga	thering Line Water/Waste (Non-I	njectable)	1215.11	M
E&P Contaminated Soil Gas Plant Waste	The same of the sa	TERNAL USE ONLY ick Washout (exempt waste)	YES (NO)	TOP SOIL & CALICHE SA	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	☐ PRODUCTIO		ERING LINES
1,000		NON-EXEMPT E&P Waste,	Service Identification and Amou	nt	
Non-Exempt Other	n-exempt E&P waste m	ust be analysed and be below the	reshold limits for toxicity (TCLP),	Ignitability, Corrosivity adn F	
		- 155 Million		from Non-Exempt Waste	List on back
DISPOSAL QUANTITY		3 - BARRELS		A Q (Y-YARDS)	E - EACH
I hereby certify that the above listed mat packaged, and is in proper condition for	terial(s), is (are) not haza transportation according	ardous waste as defined by 40 CF g to applicable regulation.	R Part 261 or any applicable sta	e law. That each waste has	been properly described, classified and
RCRA EXEMPT:			and production operation and a	re not mixed with non-exemp	pt waste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which	is non-hazardous that does not ex	sceed the minimum standards fo	r waste hazardous by charac	steristics established in RCRA regulations,
	40 CFR 261.21-261.24	, or listed hazardous waste as de ous is attached. (Check the approp	fined by 40 CFR, part 261, subpa	rt D, as amended. The follow	ving documentation demonstrating the
E	MSDS Information		A Hazardous Waste Analysis	Oth	ner (Provide Description Below)
EMERGENCY NON-OILFIELD	Emergency non-hazard	dous, non-oilfield waste that has lescription of the waste must acco	been ordered by the Departmen	of Public Safety (the order,	documentation of non-hazardous waste
	determination and a c	escription of the waste most acco	ompany unis form)		
(PRINT) AUTHORIZED A	AGENTS SIGNATURE	The second secon	DATE	SIGNATU	RE
	AGENTS SIGNATURE	TRANS	DATE SPORTER	SIGNATU	RE
Transporter's Name		The second secon	Driver's Name	SIGNATU	the live
Transporter's		TRANS	Driver's Name Print Name	SIGNATU A CAR	du fue
Transporter's Name Address	MAT	TRANS	Driver's Name	SIGNATU A CAC	du lac
Transporter's Name Address Phone No.	1/2 T	TRANS	Driver's Name Print Name Phone No. Truck No.	A cut	y listed below.
Transporter's Name Address Phone No. Transporter Ticket #	(CIZ 1 2 Conterial(s) was/were pick	TRANS	Driver's Name Print Name Phone No. Truck No.	A cut	du luc
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma	COLUMN TO THE STATE OF THE STAT	TRANS	Driver's Name Print Name Phone No. Truck No. d above and delivered without in	A cut	y listed below.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma	COLUMN TO THE STATE OF THE STAT	TRANS	Driver's Name Print Name Phone No. Truck No. d above and delivered without in	A cut	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	terial(s) was/were pick	TRANS	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE	A constitution of the disposal facility of the RECEI Name/No.	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	terial(s) was/were pick DRIVER:	TRANS PX MOY Bed up at the Generator's site liste ACCULATION BISPOSA DISPOSA	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE	A cut of the disposal facility of the RECEI	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	terial(s) was/were pick DRIVERY MP cility / NM1-006 US 62 / 180 Mile Mark	TRANS Proposition of the Generator's site lister and up at the Generator's site lister and up	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE Phone No. 57	RECEI Name/No	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	terial(s) was/were pick DRIVER: MP cility / NM1-006 US 62/180 Mile Mark TAKEN? (Circle One	ed up at the Generator's site liste BISPOSA TRANS TRANS	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE Phone No. 57	A constitution of the disposal facility of the RECEI Name/No.	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	terial(s) was/were pick DRIVER: MP cility / NM1-006 US 62/180 Mile Mark TAKEN? (Circle One	TRANS Proposition of the Generator's site lister S SIGNATURE DISPOSA Seer 66 Carlsbad, NM 88220 YES NO YES NO	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE AL FACILITY Phone No. If YES, was reading > 50	RECEI Name/No	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	terial(s) was/were pick DRIVER: MP cility / NM1-006 US 62/180 Mile Mark TAKEN? (Circle One	TRANS Proposition of the Generator's site lister S SIGNATURE DISPOSA Seer 66 Carlsbad, NM 88220 YES NO YES NO	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE Phone No. If YES, was reading > 56	RECEI Name/No	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Halfway Fac 6601 Hobbs Hwy NORM READINGS PASS THE PAINT FILTE Feet	terial(s) was/were pick DRIVER: MP cility / NM1-006 US 62/180 Mile Mark TAKEN? (Circle One	TRANS Proposition of the Generator's site lister as SIGNATURE DISPOSA Ser 66 Carlsbad, NM 88220 YES NO YES NO TANK B	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE Phone No. If YES, was reading > 56	RECEI Name/No	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Halfway Fac 6601 Hobbs Hwy NORM READINGS PASS THE PAINT FILTE Feet Glage Gld Guage	terial(s) was/were pick DRIVER: MP cility / NM1-006 US 62/180 Mile Mark TAKEN? (Circle One	TRANS Proposition of the Generator's site lister as SIGNATURE DISPOSA Ser 66 Carlsbad, NM 88220 YES NO YES NO TANK B	Driver's Name Print Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE AL FACILITY Phone No. If YES, was reading > 50 BOTTOMS BS&W/BB	RECEI Name/No	y listed below. DRIVER'S SIGNATURE VING ABEA
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Halfway Fac 6601 Hobbs Hwy NORM READINGS PASS THE PAINT FILTE Feet Guage Colored Colo	terial(s) was/were pick DRIVERY MP Cility / NM1-006 US 62 / 180 Mile Mark TAKEN? (Circle One) CR TEST? (Circle One)	TRANS Proposition of the Generator's site lister and up at the Generator's site lister and up	Driver's Name Print Name Phone No. Truck No. d above and delivered without in DELIVERY DATE AL FACILITY Phone No. If YES, was reading > 56 BS&W/BB BS&W/BB	RECEI Name/No	y listed below. DRIVER'S SIGNATURE VING ABEA
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White - B360 ORIGINAL

Yellow- TRANSPORTER COPY

Pink- GENERATOR SITE COPY

Gold- RETURN TO GENERATOR

Compa	ny M	an C	onta	ct II	nfor
Name .	801	20)	- 12	1 ,	3%

SOLUTIONS	(PLEASE PRINT)	*REQUIRED IN	FORMATION!	Name Broz	
Generator Manifest #	GENERATOR			Phone No	
Generator Name Address Alexa Mana Fasao	Location Lease/M Name &	of Origin	IR Fed	HW-738	3792
City, State, Zip Phone No.	County API No.	30_	0/5-5%	10 363	17
	Rig Name AFE/PO N	9 & No.	Napoze	02/00	
Oil Based Cuttings Water Based Muds Water Based Cuttings Water Based Cuttings Completion Fluid, Produced Formation Solids Produced Water ((Flow Back (Non-Injectable)	OIN	EN EXEMPT E&P WAST	E STREAMS	52
E&P Contaminated Soil Gas Plant Waste INTERNAL USE OF	ater/Waste (Non-Injectable)		OIL & CALICHE SALES	ump	9
	COMPLETION	NO QUA	NTITY	TOP SOIL	CALICHE
	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	PRODUCTION	GATHERING	The second second second	CALIGHE
		AICHY (TCLP), Ignitability	Corresivity adn Reactive	for the same of th	-
The state of the s		- Select Holl Ivon-	Exempt Monte II.	The Property of the Parket of	-
I hereby certify that the above listed material(s), is (are) not hazardous waste as d packaged, and is in proper condition for transportation according to applicable regardless and per load basis only) Beauty Beaut	L - LIQUID	20 CY.	YARDS	E 540	
RCRA EXEMPT: Oil field was a coording to applicable reg	gulation. CFR Part 261 or any app	plicable state law. That e	ach waste has been as	E - EAC	Н
waste as non-hazardous is attached. (Ch	pulation. gas exploration and production oper hat does not exceed the minimum si us waste as defined by 40 CFR, part eck the appropriate items as provide RCRA Hazardous Waste Ar	zandards for waste hazar 261, subpart D, as amend ed)	dous by characteristics ded. The following docu	established in RCF mentation demons	RA regulat
waste as non-hazardous is attached. (Ch MSDS Information Emergency non-hazardous, non-oilfield w determination and a description of the wa	us waste as defined by 40 CFR, part eck the appropriate items as provide RCRA Hazardous Waste Araste that has been ordered by the Daste must accompany this form)	zandards for waste hazar 261, subpart D, as amend ed)	dous by characteristics ded. The following docu	established in RCF mentation demons	RA regulat
waste as non-hazardous is attached. (Ch MSDS Information Emergency non-hazardous, non-oilfield wadetermination and a description of the water of th	us waste as defined by 40 CFR, part eck the appropriate items as provide RCRA Hazardous Waste Ar aste that has been ordered by the D aste must accompany this form) DATE	zandards for waste hazar 261, subpart D, as amend ed)	dous by characteristics ded. The following docu	established in RCF mentation demons	RA regulat
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waste as non-hazardous is attached. (Ch MSDS Information Emergency non-hazardous, non-oilfield watermination and a description of the water management of the water managemen	us waste as defined by 40 CFR, part eck the appropriate items as provide RCRA Hazardous Waste Araste that has been ordered by the Daste must accompany this form) DATE TRANSPORTER Driver's Name Print Name	candards for waste hazar 261, subpart D, as amend ad) nalysis epartment of Public Safe	dous by characteristics ded. The following docu Other (Provident) of the order, document of the order, document of the order of the or	established in RCF imentation demons de Description Belo ation of non-hazar	RA regulat
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Name	BIO	CK	200	PER	N EV-T

10/3	NEW MEXICO NON-HAZARDOOS GIETTE (PLEASE PRINT)	*REQUIRED INFORMATION	Phone No
360			NO. HW-738790
and and	GENERATOR	on of Origin	
	Lease/	Well NY EW WAS	UE ENECGY
rator Manifest #	Page Count	/= / V / -	6 4 X 5 F
erator Name	APIN	0. = 1 Nove	002502160252
ress		lame & No.1772 1378 24 1	Action and the second
State, Zip	AFE/	PO No.	is or cubic yards)
ne No. EXEMPT E&F	AFE/I Waste/Service Identification and Amount (place vi	OTHER EXE	MPT E&P WASTE STREAMS
Based Muds -	(NOTA-11402		
Based Cuttings	Completion Fluid/Flow Back (Not) Injurish		11x Dungs
ater Based Muds /ater Based Cuttings	Gathering Line Water/Waste (Work My	TOP SOIL &	CALICHE SALES TOP SOIL CALICHE
oduced Formation Solids	INTERNAL USE ONLY	S NO QUANTIT	Y CONTROL TIMES
&P Contaminated Soil	Truck Washout (exempt waste) PRILLING COMPLETION	PRODUCTION	GATHERING LINES
WASTE GENERATION PROCESS:	DRILLING COMPLETION NON-EXEMPT E&P Waste/Service I	dentification and Amount	rrosivity adn Reactivity.
An and system	NON-EXEMPT E&P Waste/Service I of E&P waste must be analysed and be below threshold li	mits for toxicity (TCLP), Ignitability, co *please select from Non-Ex	cempt Waste List on back
Non-Exempt Other	B - BARRELS L - Li is (are) not hazardous waste as defined by 40 CFR Part 2 ortation according to applicable regulation.	IQUID	ach waste has been properly described, classified and
DISPOSAL QUANTITY	is (are) not hazardous waste as defined by 40 CFR Part 2	61 or any applicable state love	with non-exempt waste (R360 Accepts certifications on a arrows by characteristics established in RCRA regulations, and the street of the stree
I hereby certify that the above listed material(s packaged, and is in proper condition for transportation fo	intation according to applicable regulation.	oduction operation and are not mixed	Will non-exchange
packaged, and is in proposed Oil fi	eld wastes generated from oil and gas opposed to be oad basis only) ield waste which is non-hazardous that does not exceed to the company of	the minimum standards for waste haze	ardous by characteristics established in RCRA regulations, anded. The following documentation demonstrating the Other (Provide Description Below)
Oil f	ield waste which is non-hazardous that does not exceed to	y 40 CFR, part 261, subpart D, as ame	Debug (Provide Description Below)
RCRA NON-EXEMPT: 40 0	FR 261.21-261.24, or listed hazardous waste as defined by the second street as non-hazardous is attached. (Check the appropriate is the as non-hazardous is attached.)	ordous Waste Analysis	Other (Provide Boss)
☐ MS	DS Information	ordered by the Department of Public S	afety (the order, documentation)
EMERGENCY NON-DILFIELD Em	ergency non-hazardous, non-oilfield waste that has been ermination and a description of the waste must accompa	ny this form)	SIGNATURE
Russl 1	Lalander DATE		Signature
(PRINT) AUTHORIZED AGEN	TRANSP	ORTER	Stavo Rutz
		Driver's Name	ISTATIO !
Transporter's Name	Tex Mex	Print Name -	
		Phone No.	Land below.
Phone No.	rial(s) was/were picked up at the Generator's site listed a	bove and delivered without incident to	o the disposal facility listed document
Transporter ficket #	rial(s) was/were picked up at the Generator's arts	DELIVERY DATE	DRIVER'S SIGNATURE
de to de Company	DRIVER'S SIGNATURE	FACILITY	RECEIVING AREA
SHIPMENT DATE TRUCK TIME STAI	MP DISPUSAL	L FACILITY Nam	me/No
OUT		Maria 2	enco
M IN.	0 m 1 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2	Phone No. 575-392	ro roentgents? (Circle One) YES NO
Site Name/ Permit No. Halfway Fac	US 62 / 180 Mile Marker 66 Carlsbad, NM 88220	en ste	re regardents? (Circle One) YES NO
Site Name/ Permit No. Address Halfway Fac 6601 Hobbs Hw	TAKENS (Circle One) YES NO	If YES, was reading > 50 mice	
NORM READING	S TAKEN? (Circle Offer		seceived BS&W (%)
PASS THE PAINT FILE	TANK E	BOTTOMS	BS&W (%)
PASS THE PAINT FILT	Inches	BS&W/BBLS R	
1st Guage Feet			Received
2nd Guage		tt danied	Ludw?
Received	ACCEPTED	DENIED If denied	- Christian
I hereby certify that the above load ma	terial has been teriore suspensional formation of the suspension of the suspensional formation of the suspension of the	MILE	SIGNATURE
1st Guage 2nd Guage Received I hereby certify that the above load management of the state of the	DATE White Rash ORIGINAL Yellow-TRANSPORT	TIO COT COT CITE	TO CENERATOR

(PLEASE PRINT)

Company Man Contact Information Name Brock Molander

REQ	JIRED	INFORM	MATION	V
------	-------	--------	--------	----

Solumons			Phone No	
		GENERATOR	NO.HW-	717077
Generator Manifest #	Library Engine	Location of Origi Lease/Well		
Generator Name Address	Wave Energy	Name & No. County	MAP? 2500160752	
City, State, Zip			30-015-505900	
Phone No.		Rig Name & No. AFE/PO No.		
Oil Based Muds	XEMPT E&P Waste/Service Identificat NON-INJECTABLE V		to waste type in barrels or cubic yards) OTHER EXEMPT E&P WASTE STREAT	Me
Oil Based Cuttings Water Based Muds	Washout Water (No		UTHER EXCIVIET ENT VVASTE STREAM	uvis
Water Based Cuttings Produced Formation Solids	Produced Water (No		Belly dump	
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONI	Y	TOP SOIL & CALICHE SALES	
Gas Plant Waste WASTE GENERATION PROCESS:	Truck Washout (exe		O QUANTITY TO UCTION GATHERING LINES	P SOIL CALICHE
	NON-EXEM	VPT E&P Waste/Service Identification and	d Amount	3
Non-Exempt Other	ion-exempt E&P waste must be analysed a	and be below threshold limits for toxicity	(TCLP), Ignitability, Corrosivity adn Reactivity. select from Non-Exempt Waste List on back	k
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	20 (Y-YARDS	E - EACH
RCRA EXEMPT: RCRA NON-EXEMPT: EMERGENCY NON-OILFIELD	per load basis only) Oil field waste which is non-hazardous 40 CFR 261.21-261.24, or listed hazard waste as non-hazardous is attached. (C MSDS Information	that does not exceed the minimum standous waste as defined by 40 CFR, part 261 Check the appropriate items as provided) RCRA Hazardous Waste Analy waste that has been ordered by the Dep	n and are not mixed with non-exempt waste (R36 lards for waste hazardous by characteristics esta , subpart D, as amended. The following documents rsis	blished in RCRA regulations, tation demonstrating the Description Below)
(PRINT) AUTHORIZE	D AGENTS SIGNATURE	DATE	SIGNATURE	
Transporter's		TRANSPORTER		
Name>eml	ex Mex	Driver's Name	Cornello	
Address Phone No.		Print Name Phone No.		
Transporter Ticket #	natarialla) was Augra nicked up at the Con	Truck No.	thout incident to the disposal facility listed below	
		3-77-75		
SHIPMENT DATE TRUCK TIME ST	DRIVER'S SIGNATURE	DISPOSAL FACILITY	RECEIVING ARI	
IN: OUT		DIST OSAL TAGILITY	Name/No.	00
	acility / NM1-006 vy US 62/180 Mile Marker 66 Carlsbad,	NM 88220 Phone No.	575-392-6368	
NORM READING PASS THE PAINT FILE	SS TAKEN? (Circle One) YES TER TEST? (Circle One) YES	NO If YES, was readil	ng > 50 micro roentgents? (Circle One)	res no
3/20		TANK BOTTOMS		
st Guage Feet and Guage Beceived	Inches	BS&	W/BBLS Received BS Free Water	&W (%)
- UUUIVUU				QVV (70)
NAME (PRINT)	erial has been (circle one): ACCEP	TED DENIED / DENIED	Total Received If denied, why?	QVV (70)

(PLEASE PRINT) *REQUIRED INFORMATION*

Company	Man Contact	Information
Name _	15 12/01	Asse

	ne		

SOLUTIONS		The state of the s	Phone No
	1 3 4 1 2 1	GENERATOR	NO. HW-737555
Generator Manifest # Generator Name Address City, State, Zip Phone No.	I GARRE GARRA	Location of Origin Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.	19 22 14 30 25 8 25 8 20 20 1 NAME 25 0 2 11 20 25 2
EXE	MPT E&P Waste/Service Identific	cation and Amount (place volume next to wa	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	Produced Water	Non-Injectable) //Flow Back (Non-Injectable) (Non-Injectable) //ater/Waste (Non-Injectable) ONLY	TOP SOIL & CALICHE SALES QUANTITY TOP SOIL CALICHE
WASTE GENERATION PROCESS:	☐ DRILLING ☐	COMPLETION PRODUCTION	ON GATHERING LINES
	NON-EX n-exempt E&P waste must be analyse	KEMPT E&P Waste/Service Identification and Amord and be below threshold limits for toxicity (TCLP	ount), Ignitability, Corrosivity adn Reactivity. ct from Non-Exempt Waste List on back
Non-Exempt Other		piease selec	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS E - EACH ate law. That each waste has been properly described, classified and
RCRA NON-EXEMPT:	40 CFR 261.21-261.24, or listed haze waste as non-hazardous is attached MSDS Information Emergency non-hazardous, non-oilfudetermination and a description of t	ardous waste as defined by 40 CFR, part 261, subp I. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis eld waste that has been ordered by the Departme the waste must accompany this form)	for waste hazardous by characteristics established in RCRA regulations, part D, as amended. The following documentation demonstrating the Other (Provide Description Below) Int of Public Safety (the order, documentation of non-hazardous waste
(PRINT) AUTHORIZED A	GENTS SIGNATURE	DATE	SIGNATURE
Transporter Ticket #	terial(s) was/were picked up at the G	Driver's Name Print Name Phone No. Truck No.	incident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STA	MP	DISPOSAL FACILITY	RECEIVING AREA Name/No.
Address 6601 Hobbs Hwy	US 62 / 180 Mile Marker 66 Carlsba TAKEN? (Circle One) YES	nd, NM 88220	75-392-6368 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTE		NO	
st Guage 2nd Guage Received	Inches		BLS Received BS&W (%) Free Water Total Received
nereby certify that the above load mater		DENIED OF IT OF TITLE	lenied, why?

White - R360 ORIGINAL

Yellow-TRANSPORTER COPY

Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

Page 304 of 328

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Compan	y Man Contact Information
Name 2	verte Ambu for
Phone N	8231-319-510

Al	1 1135	GEN	IERATOR	TAIR .	D. HW- 739782
Generator Manifest #	U LIVA	VV	Location of Origin	FIVIKE	11 # 28 11
Generator Name			Lease/Well Name & No.		
Address			County		
1001000			API No.	30-015-50	2900
City, State, Zip			Rig Name & No.	WATER ASP 250	50160 2525
Phone No.			AFE/PO No.		
	MPT F&P Waste/Se	ervice Identification and Amo		vaste type in harrels or cub	ic varde)
Oil Based Muds		ON-INJECTABLE WATERS	one (piace volume next to v	OTHER EXEMPT E&P	
Oil Based Cuttings	W	ashout Water (Non-Injectable)			7776-71-07110-0710
Water Based Muds Water Based Cuttings	Co	ompletion Fluid/Flow Back (Non-	Injectable)		
Produced Formation Solids		oduced Water (Non-Injectable) athering Line Water/Waste (Non	-Injectable)	- 18110 V	Dan O
Tank Bottoms E&P Contaminated Soil	1000	TERNAL USE ONLY		TOP SOIL & CALICHES	SALES
Gas Plant Waste	Tri	uck Washout (exempt waste)	YES NO-	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	☐ DRILLING	COMPLETION	☐ PRODUC	TION GATE	HERING LINES
		NON-EXEMPT E&P Waste	s/Service Identification and Ar	mount	
	-exempt E&P waste m	nust be analysed and be below the	hreshold limits for toxicity (TC	LP), Ignitability, Corrosivity adn	CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO
Non-Exempt Other			*please se	lect from Non-Exempt Wast	te List on back
DISPOSAL QUANTITY		B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
RCRA NON-EXEMPT:	per load basis only)	is non-hazardous that does not o	exceed the minimum standard	ls for waste hazardous by chara	mpt waste (R360 Accepts certification acteristics established in RCRA regula owing documentation demonstrating
EMERGENCY NON-OILFIELD	40 CFR 261.21-261.24 waste as non-hazardo MSDS Information Emergency non-hazar	ous is attached. (Check the appro RCF rdous, non-oilfield waste that has	opriate items as provided) RA Hazardous Waste Analysis s been ordered by the Departn		Other (Provide Description Below) r, documentation of non-hazardous wa
	40 CFR 261.21-261.24 waste as non-hazardo MSDS Information Emergency non-hazar determination and a co	ous is attached. (Check the appro RCF dous, non-oilfield waste that has description of the waste must ac	opriate items as provided) RA Hazardous Waste Analysis s been ordered by the Departn company this form) DATE		Other (Provide Description Below) r, documentation of non-hazardous wa
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EMERGENCY NON-OILFIELD (PRINT) AUTHORIZED A ansporter's ame ddress none No. ansporter Ticket #	40 CFR 261.21-261.24 waste as non-hazardo MSDS Information Emergency non-hazar determination and a co	ous is attached. (Check the appro-	priate items as provided) RA Hazardous Waste Analysis s been ordered by the Departn company this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No.	nent of Public Safety (the order	Other (Provide Description Below) r, documentation of non-hazardous water
EMERGENCY NON-OILFIELD (PRINT) AUTHORIZED A ansporter's ame ddress none No. ansporter Ticket #	40 CFR 261.21-261.24 waste as non-hazardo MSDS Information Emergency non-hazar determination and a co	ous is attached. (Check the appro-	priate items as provided) RA Hazardous Waste Analysis s been ordered by the Departn company this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No.	nent of Public Safety (the order	Other (Provide Description Below) r, documentation of non-hazardous wa
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(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information Name Bear to Maluaria

SOLUTIONS SOLUTIONS		(FEEAGE FINITY) THEODIT	Phone No. 731-374-	5/65
Page		GENERATOR	No. HW- 74374	8
Generator Manifest #	W Wave	Location of Origin _	INK BUT # 284	
Generator Name		Lease/Well Name & No.		
Address		County	2-06 Ex 2900	
City, State, Zip		API No. Rig Name & No.	my 200 216x 2675	
Phone No.		AFE/PO No		
Oil Based Muds	EXEMPT E&P Waste/Service Identification NON-INJECTABLE WATE		te type in barrels or cubic yards) OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings Water Based Muds	Washout Water (Non-In	jectable)		
Water Based Cuttings Produced Formation Solids	Completion Fluid/Flow B	jectable)	Ral Dano	
Tank Bottoms E&P Contaminated Soil	Gathering Line Water/W	/aste (Ivon-Injectable)	TOP SOIL & CALICHE SALES	
Gas Plant Waste	Truck Washout (exempt		QUANTITY TOP SOIL CALIC	CHE
WASTE GENERATION PROCESS	: DRILLING COM	PLETION PRODUCTIO	N GATHERING LINES	
А	NON-EXEMPT Il non-exempt E&P waste must be analysed and l	E&P Waste/Service Identification and Amor be below threshold limits for toxicity (TCLP).	nt Ignitability, Corresivity adn Reactivity.	
Non-Exempt Other		*please selec	t from Non-Exempt Waste List on back	
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID	Y - YARDS E - EACH	
PACKAGE, and is in proper condition RCRA EXEMPT: RCRA NON-EXEMPT:	per load basis only) Oil field waste which is non-hazardous that	exploration and production operation and a does not exceed the minimum standards fo waste as defined by 40 CFR, part 261, subpa	or e not mixed with non-exempt waste (R360 Accepts certification waste hazardous by characteristics established in RCRA report D, as amended. The following documentation demonstration of the provide Description Below)	egulations, ling the
	I WODO III OI III OI III OI II			-
☐ EMERGENCY NON-OILFIELD		ste that has been ordered by the Departmen	t of Public Safety (the order, documentation of non-hazardou	
-	Emergency non-hazardous, non-oilfield was	ste that has been ordered by the Departmen		
Transporter's Name	Emergency non-hazardous, non-oilfield was determination and a description of the was	DATE TRANSPORTER Driver's Name	t of Public Safety (the order, documentation of non-hazardou	
Transporter's Name Address	Emergency non-hazardous, non-oilfield was determination and a description of the was	DATE TRANSPORTER Driver's Name Print Name	t of Public Safety (the order, documentation of non-hazardou	
Transporter's Name Address Phone No. Transporter Ticket #	Emergency non-hazardous, non-oilfield was determination and a description of the was ized agents signature	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No.	t of Public Safety (the order, documentation of non-hazardou	
Transporter's Name Address Phone No. Transporter Ticket #	Emergency non-hazardous, non-oilfield was determination and a description of the was	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No.	t of Public Safety (the order, documentation of non-hazardou	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE	Emergency non-hazardous, non-oilfield was determination and a description of the was sized agents signature d material(s) was/were picked up at the Generate DRIVER'S SIGNATURE	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE	signature signature ncident to the disposal facility listed below.	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S	Emergency non-hazardous, non-oilfield was determination and a description of the was sized agents signature d material(s) was/were picked up at the Generate DRIVER'S SIGNATURE	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Dr's site listed above and delivered without	signature signature noident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S IN:O	Emergency non-hazardous, non-oilfield was determination and a description of the was sized agents signature d material(s) was/were picked up at the Generate DRIVER'S SIGNATURE	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE	signature signature ncident to the disposal facility listed below.	
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Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S IN:OI	Emergency non-hazardous, non-oilfield was determination and a description of the was determined by the was determ	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE SPOSAL FACILITY Phone No. 57888220	signature signature ncident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No.	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S IN:OI	Emergency non-hazardous, non-oilfield was determination and a description of the was determined by the was determ	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE SPOSAL FACILITY Phone No. 15 16 17 18 18 18 18 19 19 19 19 19 19	signature signature ncident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No.	
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Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S IN:OI	Emergency non-hazardous, non-oilfield was determination and a description of the was determined by the was determ	DATE TRANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE SPOSAL FACILITY Phone No. 15 88220 If YES, was reading > 5 ANK BOTTOMS	SIGNATURE SIGNATURE Incident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No. 25-392-6368 O micro roentgents? (Circle One) YES NO	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S IN: OI Ste Name/ Fermit No. 9 ddress NORM READI PASS THE PAINT Feet Feet	Emergency non-hazardous, non-oilfield was determination and a description of the was determined by the was determ	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Driver's site listed above and delivered without DELIVERY DATE Phone No. Truck No. Truck No. DELIVERY DATE SPOSAL FACILITY Phone No. 15 88220 If YES, was reading > 5 TANK BOTTOMS	signature signature ncident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-392-6368 0 micro roentgents? (Circle One) YES NO BLS Received BS&W (%) Free Water	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S IN: OI TRU	Emergency non-hazardous, non-oilfield was determination and a description of the was determined by the was determ	TRANSPORTER Driver's Name Print Name Phone No. Truck No. Driver's site listed above and delivered without DELIVERY DATE Phone No. Truck No. Truck No. DELIVERY DATE SPOSAL FACILITY Phone No. 15 88220 If YES, was reading > 5 TANK BOTTOMS	signature signature ncident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-392-6368 0 micro roentgents? (Circle One) YES NO	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME S IN: OI Ste Name/ Fermit No. 9 ddress NORM READI PASS THE PAINT Feet Feet	Emergency non-hazardous, non-oilfield was determination and a description of the was lized agents signature d material(s) was/were picked up at the Generate DRIVER'S SIGNATURE STAMP UT: Facility / NM1-006 Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM NGS TAKEN? (Circle One) YES NG FILTER TEST? (Circle One) YES NG Inches	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE SPOSAL FACILITY Phone No. 15 88220 If YES, was reading > 5 ANK BOTTOMS BS&W/Bi	signature signature ncident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-392-6368 0 micro roentgents? (Circle One) YES NO BLS Received BS&W (%) Free Water	
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above name SHIPMENT DATE TRUCK TIME: IN: OI We Name/ Fermit No. OI We Name/ Fermit No. OI PASS THE PAINT Feet Guage God Guage	Emergency non-hazardous, non-oilfield was determination and a description of the was lized agents signature d material(s) was/were picked up at the Generate DRIVER'S SIGNATURE STAMP UT: Facility / NM1-006 Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM NGS TAKEN? (Circle One) YES NG FILTER TEST? (Circle One) YES NG Inches	TRANSPORTER Driver's Name Print Name Phone No. Truck No. DELIVERY DATE SPOSAL FACILITY Phone No. 15 88220 If YES, was reading > 5 ANK BOTTOMS BS&W/Bi	signature signature ncident to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Name/No. 75-392-6368 0 micro roentgents? (Circle One) YES NO BLS Received BS&W (%) Free Water otal Received	

White - R360 ORIGINAL



(PLEASE PRINT) *REQUIRED INFORMATION*

Company	Man Co	ntact Inf	ormation	1
Name 2	YOUR	MA	hurt	
Phone No	0.93/-	319.	517	ŝ

		GENERATOR	Day De	NO. HW- 743747
Generator Manifest #	Dags Frings	Location of		FUA #28 H
Generator Name		Lease/Well Name & No		
Address		County		CONTRACTOR OF THE PARTY OF THE
City, State, Zip		API No. Rig Name 8	No Maria	0 1 KA 21 K X 1250
Phone No.		AFE/PO No.		
	FE&P Waste/Service Identification			
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WA Washout Water (Non-	A STATE OF THE PARTY OF THE PAR	OTHER EXEMP	PT E&P WASTE STREAMS
Water Based Muds Water Based Cuttings		v Back (Non-Injectable)		
Produced Formation Solids Tank Bottoms	Gathering Line Water,	/Waste (Non-Injectable)		12/12/15
E&P Contaminated Soil Gas Plant Waste	INTERNAL USE ONLY Truck Washout (exem	pt waste) YES	NO QUANTITY	TOP SOIL CALICHE
property of the same of the same of the same of	THE RESERVE TO SHARE THE PARTY OF THE PARTY			GATHERING LINES
	NON-EXEMP	T E&P Waste/Service Identification	on and Amount	
Non-Exempt Other	empt E&P waste must be enalysed an	d be below threshold limits for to	ricity (TCLP), Ignitability, Corrosiveses select from Non-Exemp	THE RESERVE OF THE PARTY OF THE
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH aste has been properly described, classified and
■ EMERGENCY NON-OILFIELD was	ste as non-hazardous is attached. (Ch DS Information	eck the appropriate items as prov RCRA Hazardous Waste vaste that has been ordered by the	ided) Analysis	he following documentation demonstrating the Other (Provide Description Below) e order, documentation of non-hazardous waste
(PRINT) AUTHORIZED AGENT	S SIGNATURE	DATE	MUSH.	SIGNATURE
		TRANSPORTER		
Transporter's Name	TOX MOV	Driver's Nan	ne Al-Jacob	Redsholt
Address		Print Name		
Phone No. Trensporter Ticket #		Phone No. Truck No.	6-4	
hereby certify that the above named materia	(s) was/were picked up at the Genera		red without incident to the dispo	sal facility listed below
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIV	ERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAMP		ISPOSAL FACILIT		RECEIVING AREA
IN: OUT:			Name/No	08
te Name/	. / NINA1 00C	2000	E7E 000 0000	
ermit No. Halfway Facilit ddress 6601 Hobbs Hwy US	62 / 180 Mile Marker 66 Carlsbad, N	M 88220 Phone No.	575-392-6368	
NORM READINGS TAN	KEN? (Circle One) YES	NO If YES, was	reading > 50 micro roentgent	s? (Circle One) YES NO
PASS THE PAINT FILTER T		NO		
		TANK BOTTOMS		
st Guage Feet	Inches		BS&W/BBLS Received	BS&W (%)
nd Guage			Free Water	
Received			Total Received	
ereby certify that the above load material hi	as been (circle one): ACCEPTE	DENIED DENIED	If denied, why?	AQ.
NAME (PRINT)	DATE	100	ITLE	SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information Name Done Windowsky

NUMBONAENTAL	(PL	EASE PRINT) *REQUIR	ED INFORMATION*	Phone No. 787	19-3/2
	GE	NERATOR	NO	D. HW- 743	752
Generator Manifest # Generator Name Address		Location of Origin Lease/Well Name & No. County API No.	BAR COL	- 17-28 H	
City, State, Zip Phone No.		Rig Name & No	1 MADE 250	Hen dels	
	P Waste/Service Identification and Am	1000 1000 1000	te type in barrels or cub	pic vards)	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (No	n-Injectable)	OTHER EXEMPT E&P	WASTE STREAMS The stream of t	
E&P Contaminated Soil	INTERNAL USE ONLY	VED NO	TOP SOIL & CALICHES	the same of the same of the same of	an inte
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING COMPLETIO	YES NO N PRODUCTIO	QUANTITY	TOP SOIL HERING LINES	CALICHE
WASTE GENERATION PROCESS.				HERING LINES	
All non-exempt	NUN-EXEMPT E&P Wa E&P waste must be analysed and be below	ste/Service Identification and Amou threshold limits for toxicity (TCLP),	int Ignitability, Corrosivity adn	Reactivity.	
Non-Exempt Other		*please selec	t from Non-Exempt Wast	te List on back	
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID 2	Y - YARDS	E - E	ACH
MSDS I EMERGENCY NON-OILFIELD Emerge	ncy non-hazardous, non-oilfield waste that had nation and a description of the waste must	CRA Hazardous Waste Analysis has been ordered by the Departmen			
(PHINT) AUTHORIZED AGENTS SIG		NSPORTER	SIGNA	TURE	
ransporter's lame ddress hone No. ransporter Ticket # hereby certify that the above named material(s) v	N 3428	Driver's Name Print Name Phone No. Truck No.	ncident to the disposal faci	ility listed below.	
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	NIT-	DRIVER'S SIGNATURE	_
TRUCK TIME STAMP		SAL FACILITY	RECI	EIVING AREA	N.A.
te Name/ ermit No. ddress Halfway Facility / I 6601 Hobbs Hwy US 62/1 NORM READINGS TAKENT PASS THE PAINT FILTER TEST	NIM1-006 180 Mile Marker 66 Carlsbad, NM 88220 ? (Circle One) YES NO		Name/No5-392-6368 O micro roentgents? (Circ	cle One) YES	NO NO
FASS THE PAINT PILLEN TEST		BOTTOMS			_
t Guage Feet d Guage ceived	Inches	BS&W/BB	LS Received Free Water tal Received	BS&W (%)	
Pereby certify that the above load material has be NAME (PRINT)	DATE	DENIED If de	nied, why?	SIGNATURE	

Valley TRAMPBORTED CODY

Compa	ny Man Contact Information
Name	Brock Molanish

Gold- RETURN TO GENERATOR

Pink- GENERATOR SITE COPY

Serverator Manifest #	ENVIRONMENTAL	(PLEASI	E PRINT) *REQUIR	ED INFORMATION*	Phone No
Secretor Name Secretor Name	auturuna 🗸	GENE	RATOR	NO.	
The State of Zip AREA NON-EXEMPT ESP Waster/Service identification and Amount (place volution next to waste type in barries or cubic varies) MCN-NECKRABE VALUES With Based Muse WORD MERICARE VALUES WORD Based Muse Word Ba	Generator Name Address	4619 Y	Name & No. County	WA FOOT	284
DE Based Mars Oil Based Outring Worth Pack Mark Worth Based Mulas Worth Based	City, State, Zip Phone No.		Rig Name & No.	F 25021KO	252
Washed Read Mudds Water Based		Service Identification and Amount (te type in barrels or cubic y	ards)
Transporter's aliane Transporter's aliane	Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injec Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inje			
WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES NON-EXEMPT ESP Waster, Service destributions and Anount All non-strange ESP waste must be analyzed and be below threshold limits for toacing CIPI maliability. Corrollving and Reactivity. Non-Exempt Other Provided Production and Anount All non-strange ESP waste must be analyzed and be below threshold limits for toacing CIPI maliability. Corrollving and Reactivity. Non-Exempt Other Provided Production and Anount All non-strange ESP waste must be analyzed and be below threshold limits for toacing CIPI maliability. Corrollving and Reactivity. Non-Exempt Other Provided Production and Anount Production Anderson Andurated Anount Production An	Cor Contaminated 30ii	MINERAL DE LA CONTRACTOR DE LA CONTRACTO	VES (NO.)	the second secon	A SECURE AND ADDRESS OF THE OWNER, THE OWNER
NON-EXEMPT ESP Waste must be analysed and be below threshold limit for loading (TCP) ignitiability, Concaining and Reactivity. Non-Exempt Other **Please select from Non-Exempt Waste List on back DISPOSAL QUANTITY B - BARRELS L - LIQUID (Y - YARDS) E - EACH Nor-Exempt Waste List on back DISPOSAL QUANTITY B - BARRELS L - LIQUID (Y - YARDS) E - EACH Nor-Exempt Waste List on back Private and is in proper condition for transportation according to applicable regulation. In Field Wastes generated from all and gas exploration and production operation and are not mixed with non-exempt waste (RSEQ Accepts cartifications or per load basis only). RCRA RANDA-EXEMPT:	NAME AND ADDRESS OF THE OWNER, WHEN PERSON ADDRESS OF THE OWNER, WHEN PERSON AND ADDRESS OF THE OWNER, WHEN		NAME OF TAXABLE PARTY.		
All non-exempt Chief Non-Exempt Other Plantability Correspond and Beactivity		NON-EXEMPT E&P Waste/Se	rvice Identification and Amou	nt India	
DISPOSAL QUANTITY B - BARRELS L - LOUID V - YARDS E - EACH her/eby cortrly that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Port 261 or any applicable state law. That each waste has been properly disscribed, classified and spicaged, and is in proper condition for transportation according to applicable regulation. GRAN NON-EXEMPT: OI field wastes penetrated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications or per load basis only) OI field wastes which is non-hazardous waste as defined by 40 CFR, port 261, subpart 0, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provider i		must be analysed and be below thresh	nold limits for toxicity (TCLP)	Ignitability, Corrosivity adn Res	
hor/eby certify that the above listed material(s), is lare) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and sichaged, and is in proper condition for transportation according to applicable regulation. GRA NON-EXEMPT:		D. DARDELG			
RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications or per load basis only) Oil field wastes which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation ACRA NON-EXEMPT: Oil field wastes which is non-hazardous waste as defined by 40 CPR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Theck the appropriate items as provided) MSDS Information RCRA reagratous Waste Analysis Other (Provide Description Below) RMSDS Information ACRA Hazardous Waste Analysis Other (Provide Description Below) RMSDS Information and a description of the waste must accompany this form) RMSDS Information and a description of the waste must accompany this form) RMSDS Information and a description of the waste must accompany this form) TRANSPORTER TRANSPORT					
TRANSPORTER Driver's Name Print Name Phone No. Truck No. SHIPMENT DATE TRUCK TIME STAMP IN: OUT: TRUCK TIME STAMP OUT: TRUCK TIME STAMP No. TRUCK TIME STAMP IN: OUT: TRUCK TIME STAMP IN: OUT: OUT: OUT: OUT: OUT: OUT: OUT: OUT	■ EMERGENCY NON-OILFIELD Emergency non-hai	ardous, non-oilfield waste that has bee	en ordered by the Department		CT TALESCALE AND DESCRIPTION OF THE PERSON O
Driver's Name Address Anne No. Phone No. Annexporter Ticket # TRUCK TIME STAMP IN: OUT: Ite Name Address NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) TANK BOTTOMS BS&W/BBLS Received BS&W/SBLS Received Intal Received	(PRINT) AUTHORIZED AGENTS SIGNATURE	DAI	E TOTAL TOTA	SIGNATURE	
TRUCK TIME STAMP IN:OUT: ite Name/ ermit No. ddress NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO TANK BOTTOMS If YES, was reading > 50 micro roentgents? (Circle One) YES NO TANK BOTTOMS BS&W/BBLS Received BS&W (%)	ransporter's Name Address Phone No. ransporter Ticket #	ex	Driver's Name Print Name Phone No. Truck No.	Cust V	listed below.
TRUCK TIME STAMP IN:OUT: ite Name/ ermit No. ddress NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO TANK BOTTOMS If YES, was reading > 50 micro roentgents? (Circle One) YES NO TANK BOTTOMS BS&W/BBLS Received BS&W (%)	CHIPMENT DATE DRIVE	SHE SIGNATURE	3-27-25	-	BIVED'S SIGNATURE
IN:OUT:	THE RESIDENCE OF THE PARTY OF T	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	NAME AND ADDRESS OF THE OWNER, TH	1.0200000	THE RESIDENCE OF THE PARTY OF T
Halfway Facility / NM1-006 ddress NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO TANK BOTTOMS TANK BOTTOMS BS&W/BBLS Received BS&W (%) Free Water Total Received Total Received Total Received		DIOI OUAL	TAULITI		38
Total Received Free Water Total Received	te Name/ ermit No. Halfway Facility / NM1-006		Phone No. 57	5-392-6368	
aceived Free Water Total Received	NORM READINGS TAKEN? (Circle O PASS THE PAINT FILTER TEST? (Circle O	ne) YES NO	If YES, was reading > 50	micro roentgents? (Circle	One) YES NO
Total Received Free Water Total Received	East		TTOMS		
ereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? NAME (PRINT) DATE TITLE SIGNATURE)	st Guage received	iocous		Free Water	BS&W (%)
NAME (PRINT) DATE TITLE SIGNATURE	ereby certify that the above load material has been (circle o	ne): ACCEPTED D	ENIED If der	nied, why?	

White - R360 ORIGINAL

Yellow- TRANSPORTER COPY



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Phone No.

å let		GENE	RATOR		NO. HW- 74	3750
Generator Manifest #	MOUL Wood	1-02#	Location of Origin	FAR FYC	1 HOST	1111
Generator Name			Lease/Well Name & No.	MENBU	3000	
Address			County			
City, State, Zip			API No.	20-015-5 PIATIAZES	21600	5059
Phone No.			Rig Name & No. AFE/PO No.			
EXE	MPT E&P Waste/Service	Identification and Amount		aste type in barrels o	or cubic yards)	
Oil Based Muds Oil Based Cuttings		JECTABLE WATERS of Water (Non-Injectable)		OTHER EXEMP	T E&P WASTE STREAMS	
Water Based Muds Water Based Cuttings	Comple	tion Fluid/Flow Back (Non-Inje	ectable)		1 . 7	0
Produced Formation Solids Tank Bottoms		ed Water (Non-Injectable) ng Line Water/Waste (Non-Inj	jectable)	3 130	a bear	1
E&P Contaminated Soil	NAME AND ADDRESS OF THE PERSONS ASSESSED.	AL USE ONLY	1.00	TOP SOIL & CAL	AND RESIDENCE OF THE PARTY OF T	
Gas Plant Waste WASTE GENERATION PROCESS:	☐ DRILLING	/ashout (exempt waste) COMPLETION	YES NO PRODUCTI	QUANTITY	TOP SOIL	CALICHE
WASTE GENERATION PROCESS:	DNILLING				GATHERING LINES	
All no	n-exempt E&P waste must b	NON-EXEMPT E&P Waste/S e analysed and be below thre	shold limits for toxicity (TCL)	ount 9, Ignitability, Corrosiy	ity adn Reactivity.	
Non-Exempt Other			*please sele	ct from Non-Exemp	t Waste List on back	
DISPOSAL QUANTITY	B - 8/	ARRELS	L - LIQUID	Y - YARDS	E	EACH
I hereby certify that the above listed mate packaged, and is in proper condition for t	erial(s), is (are) not hazardou	s waste as defined by 40 CFR	Part 261 or any applicable s	rate law. That each wa	ste has been properly descri	bed, classified and
RCRA EXEMPT:	Oil field wastes generated	from oil and gas exploration a	and production operation and	are not mixed with no	on-exempt waste (R360 Acce	ots certifications on a
RCRA NON-EXEMPT:	per load basis only)					
	Oil field waste which is no	n-hazardous that does not exc	eed the minimum standards	for waste nazardous b	y characteristics established	in HCHA regulations,
I HORA (NON-EXEMPT)	40 CFR 261.21-261.24, or li	isted hazardous waste as defin	ned by 40 CFH, part 261, sub	part D, as amended. If	ne following documentation (emonstrating the
	40 CFR 261.21-261.24, or li	attached. (Check the appropri	iate items as provided)	part D, as amended. If	_	Service and the service and th
	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous,	attached, (Check the appropriate RCRA) non-oilfield waste that has be	iate items as provided) Hazardous Waste Analysis een ordered by the Departme		Other (Provide Description	on Below)
	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous,	attached. (Check the appropri	iate items as provided) Hazardous Waste Analysis een ordered by the Departme		Other (Provide Description	on Below)
	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri	attached. (Check the appropri RCRA non-oilfield waste that has be ption of the waste must accor	iate items as provided) Hazardous Waste Analysis een ordered by the Departme		Other (Provide Description	on Below)
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EMERGENCY NON-OILFIELD (PRINT) AUTHORIZED A Transporter's Name Address	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri	attached. (Check the appropri RCRA non-oilfield waste that has be ption of the waste must accor	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th		Other (Provide Descript e order, documentation of no	on Below)
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EMERGENCY NON-OILFIELD (PRINT) AUTHORIZED A Transporter's Name Address Phone No. Transporter Ticket #	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri	attached. (Check the appropring RCRA) non-oilfield waste that has be ption of the waste must according TRANS TRANS	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	ent of Public Safety (the	Other (Provide Description of no signature	on Below)
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri	attached. (Check the appropring RCRA) non-oilfield waste that has be ption of the waste must according TRANS TRANS at the Generator's site listed	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	ent of Public Safety (the	Other (Provide Description of no signature Signature Driver's Signature Driver's Signature	on Below)
CPRINT) AUTHORIZED A Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri	attached. (Check the appropring RCRA) non-oilfield waste that has be ption of the waste must according TRANS TRANS at the Generator's site listed	Hazardous Waste Analysis een ordered by the Department of the Depa	ent of Public Safety (the	Other (Provide Description of no signature	on Below)
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri IGENTS SIGNATURE DRIVER'S SIGN MP	attached. (Check the appropring RCRA) non-oilfield waste that has be ption of the waste must according TRANS TRANS at the Generator's site listed	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	t incident to the dispos	Other (Provide Description of no signature Signature Driver's Signature Driver's Signature	on Below)
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	40 CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP cility / NM1-006	attached. (Check the appropring RCRA) non-oilfield waste that has be ption of the waste must according TRANS TRANS at the Generator's site listed	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	ent of Public Safety (the	Other (Provide Description of no signature Signature Driver's Signature Driver's Signature	on Below)
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	40 CFR 261.21-261.24, or liwaste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a description of the description of the determination and a description of the de	attached. (Check the appropri RCRA non-oilfield waste that has be ption of the waste must accor TRANS at the Generator's site listed ATURE DISPOSA G Carlsbad, NM 88220	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	Name/No.	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	AO CFR 261.21-261.24, or liwaste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP Cility / NM1-006 US 62/180 Mile Marker 66 US 62/180 Mile Marker 66	attached. (Check the appropri RCRA non-oilfield waste that has be ption of the waste must accor TRANS at the Generator's site listed ATURE DISPOSA GCarlsbad, NM 88220 YES NO	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	Name/No.	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below)
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	AO CFR 261.21-261.24, or liwaste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP Cility / NM1-006 US 62/180 Mile Marker 66 US 62/180 Mile Marker 66	attached. (Check the appropring RCRA) non-oilfield waste that has be ption of the waste must according to the wast	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	Name/No.	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	AO CFR 261.21-261.24, or liwaste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP Cility / NM1-006 US 62/180 Mile Marker 66 US 62/180 Mile Marker 66	attached. (Check the appropriate Check the a	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	Name/No	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	AO CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP CILITY / NM1-006 US 62/180 Mile Marker 66 TAKEN? (Circle One) ER TEST? (Circle One)	attached. (Check the appropriate Check the a	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	Name/No	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT:	AO CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP CILITY / NM1-006 US 62/180 Mile Marker 66 TAKEN? (Circle One) ER TEST? (Circle One)	attached. (Check the appropriate Check the a	iate items as provided) Hazardous Waste Analysis een ordered by the Department of th	Name/No	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # TRUCK TIME STA IN: OUT: TRUCK TIME STA IN: Feet	AO CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP Cility / NM1-006 US 62 / 180 Mile Marker 66 TAKEN? (Circle One) ER TEST? (Circle One)	attached. (Check the appropri RCRA non-oilfield waste that has be ption of the waste must accor TRANS at the Generator's site listed ATURE DISPOSA Carlsbad, NM 88220 YES NO YES NO TANK BODGS	iate items as provided) Hazardous Waste Analysis een ordered by the Department of the provided	Name/No	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket # TRUCK TIME STA IN: OUT: TRUCK TIME STA IN: OUT: TRUCK TIME STA IN: OUT: TRUCK TIME STA IN: Feet Goage Good Hobbs Hwy NORM READINGS PASS THE PAINT FILTE Feet Guage Cod Guage Pacieived	AO CFR 261.21-261.24, or li waste as non-hazardous is MSDS Information Emergency non-hazardous, determination and a descri GENTS SIGNATURE DRIVER'S SIGN MP Cility / NM1-006 US 62 / 180 Mile Marker 66 TAKEN? (Circle One) ER TEST? (Circle One)	attached. (Check the appropri RCRA non-oilfield waste that has be ption of the waste must accor TRANS at the Generator's site listed ATURE DISPOSA Carlsbad, NM 88220 YES NO YES NO TANK BODGS	iate items as provided) Hazardous Waste Analysis een ordered by the Department of the provided	Name/No	Other (Provide Description of no signature sal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste

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Valler TRAMEDORIES CONV

Page 330 of 338 of 338

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Phone No.

		GENE	RATOR	-1117	NO. HW- 743	3751
Generator Manifest # Generator Name	Mach S	y	Location of Origin Lease/Well Name & No.	-NR	14 # 28 H	
Address			County			
0.0.2			API No.	20-015-5	059111 35	5054
City, State, Zip Phone No.			Rig Name & No. AFE/PO No.	THE PERSON	32141732	
EXI	EMPT E&P Waste/Serv	ce Identification and Amoun		vaste type in barrels or	cubic yards)	- (-, -)
Oil Based Muds Oil Based Cuttings	The second secon	INJECTABLE WATERS nout Water (Non-Injectable)		OTHER EXEMPT	E&P WASTE STREAMS	
Water Based Muds Water Based Cuttings	Comp	eletion Fluid/Flow Back (Non-Inje	ectable)	= 1	3. 3	
Produced Formation Solids Tank Bottoms	Gath	iced Water (Non-Injectable) ering Line Water/Waste (Non-In	jectable)	= BUL	10m12	
E&P Contaminated Soil Gas Plant Waste	- Annual Contracts	Washout (exempt waste)	YES NO-	OUANTITY	CHE SALES TOP SOIL	CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	☐ PRODUCT		GATHERING LINES	GALIGHE
		NON-EXEMPT E&P Waste/S				
	n-exempt E&P waste mus	t be analysed and be below thre	shold limits for toxicity (TCL	.P), Ignitability, Corrosivity	Commence and the Commence of t	
Non-Exempt Other		a vesti s		ect from Non-Exempt 1		
DISPOSAL QUANTITY I hereby certify that the above listed main		BARRELS	L - LIQUID	2 Y - YARDS		EACH
RCRA NON-EXEMPT:	40 CFR 261.21-261.24, o waste as non-hazardous MSDS Information Emergency non-hazardo	non-hazardous that does not exc r listed hazardous waste as defi is attached. (Check the appropr RCRA us, non-oilfield waste that has b cription of the waste must acco	ned by 40 CFR, part 261, sul iate items as provided) Hazardous Waste Analysis een ordered by the Departm	bpart D, as amended. The	o following documentation do Other (Provide Description	on Below)
(PRINT) AUTHORIZED	AGENTS SIGNATURE		DATE		SIGNATURE	
	100000000000000000000000000000000000000		PORTER			
Transporter's Name	TOX MI	V	Driver's Name	Nober 1	(3d >10,10	
Address			Print Name			
Phone No. Transporter Ticket #			Phone No	13		
I hereby certify that the above named ma	terial(s) was/were picked	up at the Generator's site listed		ut incident to the disposa	I facility listed below.	
SHIPMENT DATE	DRIVER'S S	GNATURE	DELIVERY DATE	5 MIZ	DRIVER'S SIGNATURE	
TRUCK TIME STA		The second second second second	L FACILITY	F	RECEIVING AREA	20
IN:OUT:	121			Name/No		17
te Name/	Ille / BIBNA DOC			F7F 000 0000		
	ility / NIVI1-006 / US 62 / 180 Mile Marke	66 Carlsbad, NM 88220	Phone No.	575-392-6368		
	TAKEN? (Circle One)	YES NO	If YES, was reading:	> 50 micro roentgents?	(Circle One) YES	NO
PASS THE PAINT FILT		YES NO			***************************************	NO
		TANK B	OTTOMS		TOTAL O	
st Guage Feet		nches		BBLS Received	BS&W (%	
nd Guage			550.77	Free Water	30011110	
Received				Total Received		
hereby certify that the above load mate	rial has been (circle one):	ACCEPTED	DENIED If	denied, why?	A	
					The second secon	



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Phone	Ma		
riidhe	140	_	_

Pag		GENERA	ATOR	NO. H	W- 744384
Generator Manifest #	v Wave Ev	ergy	Location of Origin Lease/Well	NR FODE	284
Generator Name			Name & No.		
Address			County API No.	30-015	-505900
City, State, Zip			Rig Name & No.		
Phone No.	EVENANT FORMAL AL ICOLOR		AFE/PO No.	NAPP 1502	460252
Oil Based Muds		Identification and Amount (pla JECTABLE WATERS	ace volume next to waste	OTHER EXEMPT E&P WASTE	
Oil Based Cuttings Water Based Muds		Water (Non-Injectable) on Fluid/Flow Back (Non-Injectab	le)		
Water Based Cuttings Produced Formation Solids	Produced	f Water (Non-Injectable) g Line Water/Waste (Non-Injecta			
Tank Bottoms E&P Contaminated Soil	INTERNA	AL USE ONLY		TOP SOIL & CALICHE SALES	
Gas Plant Waste WASTE GENERATION PROCESS:		shout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHERING	5 LINES
	non-exempt E&P waste must be	NON-EXEMPT E&P Waste/Service analysed and be below threshold	f limits for toxicity (TCLP), Ign	the same of the sa	
Non-Exempt Other			*please select fro	om Non-Exempt Waste List o	on back
DISPOSAL QUANTITY	B - BAI	1000	LIQUID ZO	Y - YARDS	E - EACH
I hereby certify that the above listed packaged, and is in proper condition	material(s), is (are) not hazardous for transportation according to ap	waste as defined by 40 CFR Part plicable regulation	261 or any applicable state la	w. That each waste has been	properly described, classified and
RCRA EXEMPT:	A STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY.		roduction operation and are r	not mixed with non-exempt was	ste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	Oil field waste which is non	hazardous that does not exceed t	the minimum standards for w	aste hazardous by characteristi	ics established in RCRA regulations.
	40 CFR 261.21-261.24, or lis waste as non-hazardous is a	ted hazardous waste as defined b ittached. (Check the appropriate i	by 40 CFR, part 261, subpart D tems as provided)	, as amended. The following d	ocumentation demonstrating the
= and an instant	MSDS Information	RCRA Haza	rdous Waste Analysis	Other (Pr	ovide Description Below)
ENTEROFINOV NION OF FIFTE	Francisco Control of the Control of	and the building and a second			CONTRACTOR
■ EMERGENCY NON-OILFIELD	Emergency non-hazardous, r determination and a descrip	on-oilfield waste that has been o tion of the waste must accompan	ordered by the Department of		nentation of non-hazardous waste
	determination and a descrip	tion of the waste must accompan	ordered by the Department of	Public Safety (the order, docum	CONTRACTOR
(PRINT) AUTHORIZ	Emergency non-hazardous, i determination and a descrip ED AGENTS SIGNATURE	tion of the waste must accompan	ordered by the Department of y this form)		CONTRACTOR
(PRINT) AUTHORIZ	determination and a descrip	DATE TRANSPO	ordered by the Department of y this form)	Public Safety (the order, docum	CONTRACTOR
Transporter's Name Address	determination and a descrip	DATE TRANSPO	ORTER Driver's Name	Public Safety (the order, docum	CONTRACTOR
Transporter's Name Address	determination and a descrip	TRANSPO	Print Name Prone No.	Public Safety (the order, docum	CONTRACTOR
Transporter's Name Address Phone No. Transporter Ticket #	determination and a descripted agents signature Tex Mey	TRANSPO	Print Name Princk No.	Public Safety (the order, document of the order) SIGNATURE	nentation of non-hazardous waste
	determination and a descripted agents signature Tex Mey	TRANSPO Figure 1 the Generator's site listed above	Print Name Princk No.	Public Safety (the order, document of the disposal facility lister	nentation of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket #	determination and a descrip ED AGENTS SIGNATURE Take the sum of	TRANSPO Figure 1 the Generator's site listed above	ORTER Driver's Name Print Name Phone No. Truck No. Truck No. The and delivered without incident the print of	Public Safety (the order, document of the disposal facility lister	nentation of non-hazardous waste
Transporter's Name Address Phone No. Transporter Ticket #	etermination and a descrip	TRANSPO TRANSPO TRANSPO From the Generator's site listed above	DRTER Driver's Name Print Name Phone No. Fruck No. The and delivered without incide ACILITY	Public Safety (the order, docume SIGNATURE ent to the disposal facility-liste DRIVER	nentation of non-hazardous waste and below. RIS SIGNATURE G. AREA
Transporter's Name Address Phone No. Transporter Ticket #	determination and a descrip ED AGENTS SIGNATURE material(s) was/were picked up a DRIVER'S SIGNA TAMP T:	TRANSPO TRANSPO TRANSPO Transport Transp	Priver's Name Print Name Phone No. Fruck No. The and delivered without incide ACILITY	Public Safety (the order, document of the disposal facility lister or RECEIVING Name/No.	nentation of non-hazardous waste and below. RIS SIGNATURE G. AREA
Transporter's Name Address Phone No. Transporter Ticket # hereby certify that the above named SHIPMENT DATE TRUCK TIME S IN: OU Re Name/ Smit No. Halfway F	etermination and a descrip	TRANSPO TRANSPO TRANSPO Transport Transp	Priver's Name Print Name Phone No. Fruck No. Pe and delivered without incide DELIVERY DATE	Public Safety (the order, document of the disposal facility-listed DRIVER	nentation of non-hazardous waste and below. RIS SIGNATURE G. AREA
Transporter's Name Address Phone No. Transporter Ticket #	material(s) was/were picked up a DRIVER'S SIGNAT TAMP T: Cacility / NIM1-006 Wy US 62 / 180 Mile Marker 66 GS TAKEN? (Circle One)	TRANSPO TRANSPO TRANSPO Transport TRANSPO Transport Transpor	Priver's Name Print Name Phone No. Truck No. T	Public Safety (the order, document of the disposal facility lister or RECEIVING Name/No.	nentation of non-hazardous waste and below. RIS SIGNATURE G. AREA
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Pink- GENERATOR SITE COPY

Yellow-TRANSPORTER COPY

White - R360 ORIGINAL

Gold- RETURN TO GENERATOR

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information	
Name Brock Mobile	
Phone No	

Pag		GENE	RATOR	NO.	W- 744385
Generator Manifest # / / / /	Wave)	evergy	Location of Origin	ENR FED 2	3 11
Generator Name			Lease/Well Name & No.		
Address			County	2014 F-151	300
City, State, Zip			API No	0-0/3-505	
Phone No			AFE/PO No. C. De	TNAPPISO	2/60252
Dil Based Muds		rvice Identification and Amount IN-INJECTABLE WATERS	t (place volume next to waste		
Oil Based Cuttings Water Based Muds	W.	ashout Water (Non-Injectable)	unistra)	OTHER EXEMPT E&P WAST	E STREAMS
Water Based Cuttings	Pro	mpletion Fluid/Flow Back (Non-Inje duced Water (Non-Injectable)			
Produced Formation Solids Tank Bottoms	ALC: N	thering Line Water/Waste (Non-Inj FERNAL USE ONLY	jectable)	TOP SOIL & CALICHE SALES	
E&P Contaminated Soil Gas Plant Waste	- Deliver	ck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	☐ DRILLING	COMPLETION	☐ PRODUCTION	☐ GATHERIN	G LINES
All page of	exempt F&P waste or	NON-EXEMPT E&P Waste/S ust be analysed and be below thre	Service Identification and Amoun	t multiphility Commission and Decom	luftu
Non-Exempt Other	veribi cen wasie il	uar de analysed and be below thre	The state of the s	rom Non-Exempt Waste List	
DISPOSAL QUANTITY		3 - BARRELS	L.LIQUID 20	Y-YARDS	E - EACH
I hereby certify that the above listed materia	al(s), is (are) not haza	ordous waste as defined by 40 CFR			
packaged, and is in proper condition for tran	esportation according	to applicable regulation.			aste (R360 Accepts certifications on a
p	er load basis only)				
41	0 CFR 261.21-261.24	, or listed hazardous waste as defir	ned by 40 CFR, part 261, subpart	waste hazardous by characteris D, as amended. The following o	tics established in RCRA regulations, documentation demonstrating the
W	aste as non-hazardo ASDS Information	us is attached. (Check the appropri	ate items as provided) Hazardous Waste Analysis		and the second second second second
		I BUBA I	Hazardous vvaste Analysis	Uther (P	rovide Description Below).
☐ EMERGENCY NON-OILFIELD E	mergency non-hazaro	dous, non-oilfield waste that has be	een ordered by the Department		rovide Description Below) mentation of non-hazardous waste
☐ EMERGENCY NON-OILFIELD E	mergency non-hazaro		een ordered by the Department		
☐ EMERGENCY NON-OILFIELD E	mergency non-hazare etermination and a d	dous, non-oilfield waste that has be escription of the waste must accor	een ordered by the Department		
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Transporter's Name Address Phone No. Transporter Ticket #	mergency non-hazarretermination and a d	dous, non-oilfield waste that has be escription of the waste must accor D TRANS	PORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE SIGNATURE	mentation of non-hazardous waste
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Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM	mergency non-hazare etermination and a d	dous, non-oilfield waste that has be escription of the waste must according to the was	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc.	SIGNATURE SIGNATURE	nentation of non-hazardous waste ed below.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mater. SHIPMENT DATE	mergency non-hazare etermination and a d	dous, non-oilfield waste that has be escription of the waste must according to the was	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	SIGNATURE SIGNATURE SIGNATURE DRIVE	nentation of non-hazardous waste ed below.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT:	mergency non-hazarretermination and a d	dous, non-oilfield waste that has be escription of the waste must according to the was	PORTER Driver's Name Print Name Phone No, Truck No. above and delivered without inc	SIGNATURE SIGNATURE SIGNATURE PRIVITE RECEIVIN Name/No.	nentation of non-hazardous waste ed below.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT: He Name/ In Markey Facilia	ial(s) was/were pickety / NM1-006	dous, non-oilfield waste that has be escription of the waste must according to the was	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without incompleted by the Department of the Department of the Delivery DATE L FACILITY	SIGNATURE SIGNATURE SIGNATURE PRIVITE SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE	nentation of non-hazardous waste ed below.
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Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material TRUCK TIME STAM IN: OUT: Te Name/ Ermit No. Address NORM READINGS TA	ial(s) was/were pickers NTS SIGNATURE IALE IA	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE Phone No. TYPES, was reading > 50	signature signature signature RECEIVIN Name/No. -392-6368	ed below.
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material TRUCK TIME STAM IN: OUT: Te Name/ Ermit No. Address NORM READINGS TA	ial(s) was/were pickers NTS SIGNATURE IALE IA	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE Phone No. 575	signature signature signature RECEIVIN Name/No. -392-6368	ed below.
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Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material TRUCK TIME STAM IN: OUT: The Name/ Termit No. The Name/ The Na	ial(s) was/were pickers P ity / NM1-006 662/180 Mile Mark KEN? (Circle One)	TRANS TRANS ad up at the Generator's site listed SIGNATURE DISPOSA er 66 Carlsbad, NM 88220 YES NO YES NO TANK BO Inches	PORTER Porter Driver's Name Print Name Phone No. Truck No. above and delivered without incomplete	SIGNATURE SIGNATURE SIGNATURE RECEIVIN Name/No	ed below. En's SIGNATURE IG AREA e) YES NO
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material TRUCK TIME STAM IN: OUT: Halfway Facilia 6601 Hobbs Hwy US NORM READINGS TA PASS THE PAINT FILTER Feet Guage Corrected that the above load material Feet	ial(s) was/were pickers P ity / NM1-006 662/180 Mile Mark KEN? (Circle One)	TRANS TRANS ad up at the Generator's site listed SIGNATURE DISPOSA er 66 Carlsbad, NM 88220 YES NO YES NO TANK BO Inches	PORTER Porter Driver's Name Print Name Phone No. Truck No. above and delivered without incomplete	SIGNATURE SIGNATURE SIGNATURE RECEIVIN Name/No	ed below. En's SIGNATURE IG AREA e) YES NO
Transporter's Name Address Phone No. Transporter Ticket # Thereby certify that the above named material SHIPMENT DATE TRUCK TIME STAM IN: OUT: Halfway Facilia 6601 Hobbs Hwy US NORM READINGS TA PASS THE PAINT FILTER Telest Guage Telest Guage Telest Feet Feet Feet	ial(s) was/were pickers P ity / NM1-006 662/180 Mile Mark KEN? (Circle One)	TRANS TRANS ad up at the Generator's site listed SIGNATURE DISPOSA er 66 Carlsbad, NM 88220 YES NO YES NO TANK BO Inches	PORTER Porter Driver's Name Print Name Phone No. Truck No. above and delivered without incomplete	SIGNATURE SIGNATURE SIGNATURE RECEIVIN Name/No. -392-6368 micro roentgents? (Circle On S Received Free Water I Received ed, why?	ed below. En's SIGNATURE IG AREA e) YES NO

White - R360 ORIGINAL

Yellow- TRANSPORTER COPY

Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Phone No.

		THE RESERVE AND ADDRESS OF THE PARTY OF THE	-			
		GENE	RATOR		NO. HW- 739	9016
Generator Manifest #	Wave Era	ra v	Location of Origin			
Generator Name			Lease/Well Name & No.	ENRE	ad 05 H	
Address			County			
			API No.	30-015	-505900	
City, State, Zip			Rig Name & No.	9503140	724.7	
Phone No.			AFE/PO No.			
EX	EMPT E&P Waste/Service Ide	ntification and Amount (place volume next to v			Distriction of the last
Oil Based Muds Oil Based Cuttings		TABLE WATERS ater (Non-Injectable)		OTHER EXEMP	T E&P WASTE STREAMS	
Water Based Muds	Completion	Fluid/Flow Back (Non-Injec	table)			
Water Based Cuttings Produced Formation Solids		ater (Non-Injectable) ne Water/Waste (Non-Inje	ctable	- Ex11	Dring A	7
Tank Bottoms E&P Contaminated Soil	INTERNALL	THE RESIDENCE OF THE PARTY OF T	Clabley	TOP SOIL & CAI	UCHE SALES	
Gas Plant Waste	THE RESERVE THE PERSON NAMED IN COLUMN 1	out (exempt waste)	YES NO	QUANTITY	TOP SOIL	CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	☐ PRODUCT		GATHERING LINES	47 (41.97.14
	NC	N-EXEMPT E&P Waste/Se	rvice Identification and Ac	pount		
Non-Exempt Other	on-exempt E&P waste must be an	alysed and be below threst	hold limits for toxicity (TCL	P), Ignitability, Corrosiv		
			*please sel	ect from Non-Exemp	t Waste List on back	
DISPOSAL QUANTITY	B - BARRE	LS	L - LIQUID	9 Y - YARDS	E-	EACH
hereby certify that the above listed mat packaged, and is in proper condition for	erial(s), is (are) not hazardous wa transportation according to applic	iste as defined by 40 CFR P. cable regulation.	art 261 or any applicable :	state law. That each wa	aste has been properly descri	bed, classified and
RCRA EXEMPT:	Oil field wastes generated from		d production operation an	d are not mixed with no	on-exempt waste (R360 Acce	pts certifications on
	per load basis only)			G	National Agency Company	
DODA MONETURE ANT		zardous that does not excer	ed the minimum standards	s for waste hazardous b	y characteristics established	in RCRA regulations
RCRA NON-EXEMPT	Oil field waste which is non-ha: 40 CFR 261.21-261.24, or listed	hazardous waste as define	ed by 40 CFR, part 261, sul	ppart D. as amended. Th	he following documentation of	lemonstration the
_	40 CFR 261.21-261.24, or listed waste as non-hazardous is atta	hazardous waste as define ched. (Check the appropria	ed by 40 CFR, part 261, sub te items as provided)	opart D, as amended. Th		
	40 CFR 261.21-261.24, or listed waste as non-hazardous is atta MSDS Information	hazardous waste as define ched. (Check the appropria RCRA H	ed by 40 CFR, part 261, sul te items as provided) azardous Waste Analysis		Other (Provide Descripti	on Below)
_	40 CFR 261.21-261.24, or listed waste as non-hazardous is atta MSDS Information Emergency non-hazardous, non-	hazardous waste as define ched. (Check the appropria RCRA Ha oilfield waste that has bee	ed by 40 CFR, part 261, sub te items as provided) azardous Waste Analysis en ordered by the Departm		Other (Provide Descripti	on Below)
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Iransporter's Name Address Phone No. Iransporter Ticket # hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Ite Name/ Brmit No. Widress NORM READINGS PASS THE PAINT FILTE Feet Guage	AGENTS SIGNATURE Terial(s) was/were picked up at the DRIVER'S SIGNATURE MP California DRIVER'S SIGNATURE California DRIV	hazardous waste as define ched. (Check the appropria RCRA Hate-oilfield waste that has been of the waste must accompany to the waste must acco	Driver's Name Print Name Phone No. Truck No. bove and delivered without DELIVERY DATE Phone No. If YES, was reading >	Name/No	Other (Provide Description of not be order, documentation of not signature all facility listed below. DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
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Feet Guage Grange Gransporter's Address Chone No. Fransporter Ticket # hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Halfway Fact 6601 Hobbs Hwy NORM READINGS PASS THE PAINT FILTE Feet Guage God Guage	AO CFR 261.21-261.24, or listed waste as non-hazardous is atta MSDS Information Emergency non-hazardous, non-determination and a description AGENTS SIGNATURE TAKEN? (Sircle One) LIST SIGNATURE WP Eility / NM1-006 US 62/180 Mile Marker 66 Car TAKEN? (Circle One) JES Inches	hazardous waste as define ched. (Check the appropria RCRA Hateled RCRA HATELE	Driver's Name Print Name Phone No. Truck No. bove and delivered without DELIVERY DATE Phone No. If YES, was reading > TTOMS BS&W/I	Name/No	Other (Provide Description of not some provided possible order, documentation of not signature.) DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste
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Feet Guage Grange Gransporter's Address Phone No. Transporter Ticket # hereby certify that the above named ma SHIPMENT DATE TRUCK TIME STA IN: OUT: Halfway Fac 6601 Hobbs Hwy NORM READINGS PASS THE PAINT FILTE Feet Guage Gransporter's Feet Feet	AO CFR 261.21-261.24, or listed waste as non-hazardous is atta MSDS Information Emergency non-hazardous, non-determination and a description AGENTS SIGNATURE TAKEN? (Sircle One) LIST SIGNATURE WP Eility / NM1-006 US 62/180 Mile Marker 66 Car TAKEN? (Circle One) JES Inches	hazardous waste as define ched. (Check the appropria RCRA Hateled RCRA HATELE	ad by 40 CFR, part 261, suite items as provided) azardous Waste Analysis an ordered by the Departm pany this form) TE PORTER Driver's Name Print Name Phone No. Truck No. bove and delivered without DELIVERY DATE FACILITY Phone No. If YES, was reading > TTOMS BS&W/I	Name/No	Other (Provide Description of not some provided possible order, documentation of not signature.) DRIVER'S SIGNATURE RECEIVING AREA	on Below) n-hazardous waste

Yellow-TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

White - R360 ORIGINAL



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

MM

MARIE OPICIAL

REQUIRED INFORMATION

Company Man Contact Information

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hono	Na				

	The second secon	- Variable -			
		GENER	ATOR	NO.	261252
Operator No.			Permit/PPC No Lease/Well		
Operators Name A	es FARRA	4	Name & No.	NR Fed "2	BH
Address	7		County A SCHOOL Z	MAP 1500116	0252
City, State, Zip			API No Rig Name & No	30-1013-30	15,700
Phone No. ————			AFE/PO No.		
		ce Identification and Amount (p	place volume next to wast		
Oil Based Muds Oil Based Cuttings	Child Staffman	INJECTABLE WATERS out Water (Non-Injectable)		OTHER EXEMPT WASTES	type and generation process of the waste)
Water Based Muds Water Based Cuttings	Comp	letion Fluid/Flow Back (Non-Inject ced Water (Non-Injectable)	able)		
Produced Formation Solids Tank Bottoms	Gathe	ring Line Water/Waste (Non-Injec	table)	Billy De	4
E&P Contaminated Soil Gas Plant Waste	NAME OF TAXABLE PARTY O	Washout (exempt waste)	LVV		5
WASTE GENERATION PROCESS:	☐ DRILLING	COMPLETION	☐ PRODUCTION	☐ GATHERI	NG LINES
		NON-EXEMPT E&P Waste/Ser			THE LITTLE STATE OF THE STATE O
	on-exempt E&P waste mus	be analysed and be below thresh	old limits for toxicity (TCLP), I	goltability, Corrosivity ado Rea	
Non-Exempt Other			*please select	from Non-Exempt Waste Lis	et on back
QUANTITY		ARRELS		Y-YARDS	E-EACH
I hereby certify that the above listed ma packaged, and is in proper condition for	nterial(s), is (are) not hazard transportation according to	ous waste as defined by 40 CFR Pa applicable regulation.	rt 261 or any applicable state	law. That each waste has bee	n properly described, classified and
RCRA EXEMPT:	A to said and an arrangement of	14.2	production operation and are	e not mixed with non-exempt v	vaste (R360 Accepts certifications on a
Z	per load basis only)				
RCRA NON-EXEMPT:	40 CFR 261 21-261 24, or	listed hazardous waste as defined	d by 40 CFR, part 261, subpart	waste hazardous by character t D, as amended. The following	stics established in RCRA regulations, documentation demonstrating the
-	waste as non-hazardous MSDS Information	is attached. (Check the appropriate	e items as provided) zardous Waste Analysis		
L	MSDS information	□ пспа на	zardous vvaste Analysis	Uther	(Provide Description Below)
(PRINT) AUTHORIZED	AGENTS SIGNATURE	TRANSP	COLUMN TO SERVICE STATE OF THE PARTY OF THE	SIGNATURE	
Transporter's	T. M.	Inaliar		2	
NameAddress	11/4 / 1/4 /		Driver's Name Phone No.	Kene bares	1
TRACTOR			Truck No.	60	
Phone No.			WHP No.		Waterball
hereby certify that the above named m	aterial(s) was/were picked	up at the Generator's site listed ab	ove and delivered without inc	cident to the disposal facility li	sted below.
SHIPMENT DATE	DRIVER'S SI		DELIVERY DATE	DRI DRI	VER'S SIGNATURE
TRUCK TIME STA		DISPOSAL	FACILITY		NG AREA
IN:OUT:		1 R36		Name/No.	20
ite Name/ ermit No. Red Bluff Fa	acility / STF-065	NM HAINAY	Phone No. 432	-448-4239	
	y 285, Orla, TX 7977	ONDER	Phone No. 432	110 1200	
NORM READING	S TAKEN? (Circle One)	YES NO	If YES, was reading > 50	micro roentgents? (Circle O	ne) YES NO
2	The state of the s		NORM (mR/hr)		40 000 000
707		TANK BO	TTOMS		BS&W (%)
Guage Feet	In	ches		V Received	BS&W (%)
od Guage				Free Water	DSCAAA (30)
eceived				al Received	
eby certify that the above load mate	rial has been (circle one):	ACCEPTED DE	NIED If deni	ed, why?	
NAME INDICATE	Q	1000	Who	_ 69	
NAME (PRINT)		DATE	TITLE		SIGNATURE
	1 1 转 上 6代				0.00

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(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information Name Brock Molandas

SALUTIONS					Phone No
Page		GENE	RATOR	NO.	HW- 739061
Generator Manifest #	lave Ener	54	Location of Origin Lease/Well Name & No. County API No. Rig Name & No.	25 m 216 02 m NR F-1 2 EDOV JO-1016-511	2- PH & 900
Phone No.	MPT E&P Waste/Service le	dentification and Amount	AFE/PO No. —	to tuno la barrale ne aubia	ugele
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	NON-INJ Washout Completic Produced Gathering	CETABLE WATERS Water (Non-Injectable) on Fluid/Flow Back (Non-Injectable) q Line Water/Waste (Non-Injectable) L USE ONLY shout (exempt waste)	table)	OTHER EXEMPT F&P W	ASTE STREAMS
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION		RING LINES
THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	n-exempt E&P waste must be	NON-EXEMPT E&P Waste/Se analysed and be below thres	hold limits for toxicity (TCLP),	Ignitability, Corrosivity adn Re	The state of the s
Non-Exempt Other			*please select	from Non-Exempt Waste	
DISPOSAL QUANTITY I hereby certify that the above listed mate	B-BAR	MANUAL TO A STATE OF THE STATE	L-LIQUID	Y-YARDS	E - EACH
RCRA NON-EXEMPT:	40 CFR 261.21-261.24, or list waste as non-hazardous is a MSDS Information Emergency non-hazardous, n	ted hazardous waste as defin attached. (Check the appropria RCRA H	ed by 40 CFR, part 261, subpa ite items as provided) lazardous Waste Analysis en ordered by the Department	rt D, as amended. The follow	eristics established in RCRA regulations, ing documentation demonstrating the er (Provide Description Below) ocumentation of non-hazardous waste
(PRINT) AUTHORIZED A	GENTS SIGNATURE	DA	TE .	SIGNATUR	HE .
Transporter's Sm. T	ex Mex	TRANSI	Driver's Name Print Name Phone No. Truck No.	I A A A A A A A A A A A A A A A A A A A	y listed below:
SHIPMENT DATE	DRIVER'S SIGNAL	TURE	DELIVERY DATE		DRIVER'S SIGNATURE
TRUCK TIME STA	The second secon	DISPOSAL	AND RESIDENCE OF PERSONS ASSESSED.	RECEI Name/No	VING AREA 2
	ility / NM1-006 US 62 / 180 Mile Marker 66	Carlsbad, NM 88220	Phone No. 57	5-392-6368	
NORM READINGS PASS THE PAINT FILTE		YES NO NO		0 micro roentgents? (Circle	e One) YES NO
52/20 Feet	Inche	TANK BO	OTTOMS		
PASS THE PAINT FILTE Feet Guage Guage Ceived	ment	65		LS Received Free Water tal Received	BS&W (%)
NAME (PRINT)	ial has been (circle one):	DATE	DENIED If de	nied, why?	SIGNATURE

(PLEASE PRINT)

REQUIRED INFORMATION

Compar	ıy	Man	Con	tact	Inf	orm	atio	'n
Nama	2	50 h	-3	M	4	188	rel a	-

Phone No.	
Phone Ivo.	

2		GENE	RATOR	No. HW-739062
Generator Manifest #			Location of Origin	KD2160252
Generator Name	hup ENPR	Tu Z	Lease/Well Name & No.	NR Fel # 28#
Address	U	0	County	Eddy
City State Zin			API No.	70-015 505907
City, State, Zip Phone No.			Rig Name & No	
EXE	the local division is a second property of	THE RESERVE OF THE PARTY OF THE	(place volume next to waste	type in barrels or cubic yards)
Oil Based Muds Oil Based Cuttings	Contraction in	-INJECTABLE WATERS hout Water (Non-Injectable)		OTHER EXEMPT E&P WASTE STREAMS
Water Based Muds Water Based Cuttings	Com	pletion Fluid/Flow Back (Non-Inje uced Water (Non-Injectable)	ectable)	
Produced Formation Solids Tank Bottoms		ering Line Water/Waste (Non-Inj	jectable)	
E&P Contaminated Soil	- Personal	RNAL USE ONLY	ura (ua)	TOP SOIL & CALIGHE SALES
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING	Washout (exempt waste) COMPLETION	YES NO PRODUCTION	OUANTITY TOP SOIL CALICHE GATHERING LINES
WASTE GENERATION PROCESS.	LI DRILLING		Service Identification and Amount	
	-exempt E&P waste mus	t be analysed and be below three	shold limits for toxicity (TCLP), Ig	nitability, Corrosivity adn Reactivity.
Non-Exempt Other			*please select f	rom Non-Exempt Waste List on back
DISPOSAL QUANTITY		BARRELS.	L - LIQUID	Y - YARDS E - EACH
I hereby certify that the above listed mate packaged, and is in proper condition for tr	erial(s), is (are) not hazard	lous waste as defined by 40 CFR o applicable regulation.	Part 261 or any applicable state	law. That each waste has been properly described, classified and
	Oil field wastes generat	ACCOUNT OF THE PARTY OF THE PAR	and production operation and are	not mixed with non-exempt waste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	per load basis only) Oil field waste which is	non-bazardous that does not exc	eed the minimum standards for	waste hazardous by characteristics established in RCRA regulations,
I HORA NOV-EXEMPT.	40 CFR 261,21-261,24, c		ned by 40 CFR, part 261, subpart	D, as amended. The following documentation demonstrating the
	MSDS Information	The state of the s	Hazardous Waste Analysis	Other (Provide Description Below)
MERGENCY NON-OILFIELD	Emergency non-hazardo	us and alifield waste that has he	1 11 1 0	
				of Public Safety (the order, documentation of non-hazardous waste
		scription of the waste must accor		of Public Safety (the order, documentation of non-hazardous waste
	determination and a des	ecription of the waste must accor	mpany this form)	of Public Safety (the order, documentation of non-hazardous waste
(PRINT) AUTHORIZED AU	determination and a des	ecription of the waste must accor	PORTER	SIGNATURE
Transporter's Name	determination and a des	ecription of the waste must accor	PORTER Driver's Name	SIGNATURE NOTO MODITANEZ
Transporter's Name Address	determination and a des	ecription of the waste must accor	PORTER Driver's Name Print Name	SIGNATURE
Transporter's Name	determination and a des	ecription of the waste must accor	PORTER Driver's Name	SIGNATURE NOTO MODITANEZ
Transporter's Name Address Phone No.	determination and a des	TRANS	PORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE PARTIN MANTELL MAN
Transporter's Name Address Phone No. Transporter Ticket #	determination and a des	TRANS	PORTER Driver's Name Print Name Phone No. Truck No.	SIGNATURE PARTIN MANTELL MAN
Transporter's Name Address Phone No. Transporter Ticket #	determination and a des	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	SIGNATURE MANUTANE MORE TO MORE TO MANUTANE M
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mat	determination and a des	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	ident to the disposal facility listed below.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mat SHIPMENT DATE TRUCK TIME STAI IN: OUT:	determination and a des	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	ident to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA Name/No.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mat SHIPMENT DATE TRUCK TIME STAI IN: OUT:	determination and a des	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc	ident to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA Name/No.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mate SHIPMENT DATE TRUCK TIME STAI IN: OUT: Site Name/ ermit No. Address Halfway Fac 6601 Hobbs Hwy	determination and a des	TRANS up at the Generator's site listed	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 575	ident to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA Name/No.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mat SHIPMENT DATE TRUCK TIME STAI IN: OUT: Site Name/ ermit No. Address NORM READINGS PASS THE PAINT FILTE	determination and a design of the second serial (s) was/were picked DRIVER'S SMP ility / NIM1-006 US 62 / 180 Mile Marke TAKEN? (Circle One)	TRANS Tup at the Generator's site listed IGNATURE DISPOSA T 66 Carlsbad, NM 88220	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 575	ident to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA Name/No.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mat SHIPMENT DATE TRUCK TIME STAI IN: OUT: Site Name/ ermit No. Address NORM READINGS PASS THE PAINT FILTE	determination and a design of the second serial (s) was/were picked DRIVER'S SMP ility / NIM1-006 US 62 / 180 Mile Marke TAKEN? (Circle One)	TRANS Tr	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 575	ident to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA Name/No.
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mat SHIPMENT DATE TRUCK TIME STAI IN: OUT: Site Name/ ermit No. Address NORM READINGS PASS THE PAINT FILTE	determination and a design of the serial (s) was/were picked DRIVER'S SMP Ility / NIM1-006 US 62/180 Mile Marke TAKEN? (Circle One) R TEST? (Circle One)	TRANS Tr	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 1f YES, was reading > 50	DRIVER'S SIGNATURE RECEIVING AREA Name/No. -392-6368 micro roentgents? (Circle One) YES NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mate SHIPMENT DATE TRUCK TIME STAI IN: OUT: Site Name/ Permit No. Address NORM READINGS PASS THE PAINT FILTE	determination and a design of the serial (s) was/were picked DRIVER'S SMP Ility / NIM1-006 US 62/180 Mile Marke TAKEN? (Circle One) R TEST? (Circle One)	TRANS Up at the Generator's site listed IGNATURE DISPOSA TANK BO TANK BO TANK BO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 575 If YES, was reading > 50 OTTOMS	DRIVER'S SIGNATURE RECEIVING AREA Name/No. -392-6368 micro roentgents? (Circle One) YES NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mate SHIPMENT DATE TRUCK TIME STAI IN: OUT: Site Name/ ermit No. Address NORM READINGS PASS THE PAINT FILTE Feet Feet	determination and a design of the serial (s) was/were picked DRIVER'S SMP Ility / NIM1-006 US 62/180 Mile Marke TAKEN? (Circle One) R TEST? (Circle One)	TRANS Up at the Generator's site listed IGNATURE DISPOSA TANK BO TANK BO TANK BO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 575 If YES, was reading > 50 OTTOMS	DRIVER'S SIGNATURE RECEIVING AREA Name/No. -392-6368 micro roentgents? (Circle One) YES NO
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named material the state of the	determination and a design of the serial (s) was/were picked DRIVER'S SMP ility / NIM1-006 US 62/180 Mile Marke TAKEN? (Circle One) R TEST? (Circle One)	TRANS Up at the Generator's site listed IGNATURE DISPOSA TANK BO TANK BO TANK BO	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 1f YES, was reading > 50 OTTOMS BS&W/BBLS Tota	SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. -392-6368 micro roentgents? (Circle One) YES NO Signature Received BS&W (%)
Transporter's Name Address Phone No. Transporter Ticket # I hereby certify that the above named mate SHIPMENT DATE TRUCK TIME STAIL IN: OUT: Site Name/ Permit No. Address NORM READINGS PASS THE PAINT FILTE Feet Feet Feet Feet Feet Feet Feet Fe	determination and a design of the serial (s) was/were picked DRIVER'S SMP ility / NIM1-006 US 62/180 Mile Marke TAKEN? (Circle One) R TEST? (Circle One)	TRANS	PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without inc DELIVERY DATE L FACILITY Phone No. 1f YES, was reading > 50 OTTOMS BS&W/BBLS Tota	SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA Name/No. 392-6368 micro roentgents? (Circle One) YES NO S Received BS&W (%) Tree Water In Received



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Compa	ny Man	Contact	Inform	ation
Name	Rens	k 10	Jan.	1-

101.0/10/13		ATTITUTE		THORE NO.
		GENERATOR	NO.	359408
perator No.		Permit/RRC No. Lease/Well	20021602	2.4
perators Name New Wave	Encer W	Name & No.	FAIR FELLDORA	4
ddress	9/	County	Eddy	
		API No.	30-10/5-505	900
ity, State, Zip		Rig Name & No.	A STATE OF THE PARTY OF THE PAR	
none No.		AFE/PO No.		
		and Amount (place volume next to wa		
Dil Based Muds Dil Based Cuttings	NON-INJECTABLE WATE		OTHER EXEMPT WASTES	type and generation process of the was
Vater Based Muds	 Washout Water (Non-Injection Fluid/Flow Bases) 	ectable)	-	
Vater Based Cuttings roduced Formation Solids	— Produced Water (Non-Injection)	ectable)		
ank Bottoms	Gathering Line Water/Wa	aste (Non-Injectable)		
&P Contaminated Soil	INTERNAL USE ONLY	1177		
as Plant Waste	Truck Washout (exempt v			
ASTE GENERATION PROCESS: DF		PLETION PRODUCTION		NG LINES
All non-evernat F&	NON-EXEMPT E	&P Waste/Service Identification and Amo below threshold limits for toxicity (TCLP	ount	othiltu
on-Exempt Other	waste muscoe analysed and be		ot from Non-Exempt Waste Lis	
JANTITY	D DADDELC			
ereby certify that the above listed material(s), is (ar	B-BARRELS	I distribute the second state of the	2 Y-YARDS	E-EACH
MSDS Infor (PRINT) AUTHORIZED AGENTS SIGNATU	mation	the appropriate items as provided) RCRA Hazardous Waste Analysis DATE	Other	(Provide Description Below)
insporter's		RANSPORTER	I D. In	a la installación de la companya de
me <u>Sam Tex Me</u>	X	Driver's Name	ERHESTO MONT	A)OEC
dress <u>Speniable Tx</u>		Phone No.	11	
one No.		Truck No		
ereby certify that the above named material(s) was/	were nickedain at the Generator	WHP No. —	incident to the disposal facility li	etad balau
327-25	AUL	3-27-25	microent to the disposal facility in	ated below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	D POR	IVER'S SIGNATURE
TRUCK TIME STAMP	DIS	POSAL FACILITY	RECEIVI	NG AREA
N: OUT:	HAIF	-KNA-CI	Name/No.	95
e Name/	SOUTH AND SO	1 6 2		
rmit No. Red Bluff Facility / ST		Phone No. 4	32-448-4239	
dress5053 US Hwy 285, Orla	, TX 79770	PAG		
NORM READINGS TAKEN? (C	ircle One) YES NO	If YES, was reading > !	50 micro roentgents? (Circle C	Ine) YES NO
olitical astronomical astronomy.		NORM (mR/hr)	70.70	120 118
	T/	NK BOTTOMS	10000	
Feet	Inches			
Guage		BS	&W Received	BS&W (%)
d Guage			Free Water	
ceived		T	otal Received	
reby certify that the above load material has been (circle one): ACCEPTED	DENIED If do	enied, why?	
a and		- anly		X
NAME (PRINT)	DATE	TITLE		SIGNATURE

(PLEASE PRINT) *REQUIRED INFORMATION*

Company	Man	Conta	et Info	rmation
Name 2	K	100	1790	100

SOLUTION			Phone No	
Page	GEN	IERATOR	No. HW- 73	9017
benerator Manifest #		Location of Origin		
Seperator Name May Wa	ve Enekay -	Lease/Well Name & No.	NR Fed 28 H	
Generator Name // FW W G	IN COL	County		
1001633	PIECEDELLY NO	API No.	0-015 505900	
City, State, Zip		Rig Name & No.	502160987	
Phone No. ———————————————————————————————————		AFE/PO No. —		
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	Waste/Service Identification and Amo	ount (place volume next to waste	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)		DITIENT CALIFORNIA TO THE AND	
Water Based Muds	Completion Fluid/Flow Back (Non-	-Injectable)		
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)	n-Injectable)	BALLY DOOF	_
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	
Gas Plant Waste	Truck Washout (exempt waste)	YES NO	QUANTITY TOP SOI	L CALICHE
WASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION	GATHERING LINES	
All page oxymet	NON-EXEMPT E&P Wast E&P waste must be analysed and be below to	te/Service Identification and Amoun	l mitability, Corrosivity ado Reactivity.	
Non-Exempt Other	COT Waste flust be arraysed and be below	*please select i	rom Non-Exempt Waste List on back	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	90 Y-YARDS	E - EACH
hereby certify that the above listed material(s), is		CFR Part 261 or any applicable state	law. That each waste has been properly described	cribed, classified and
packaged, and is in proper condition for transporta	tion according to applicable regulation.			
RCRA EXEMPT: Oil field	wastes generated from oil and gas explorati	ion and production operation and are	not mixed with non-exempt waste (R360 Acc	cepts certifications on
	basis only)	t exceed the minimum standards for	waste hazardous by characteristics establish	ed in RCRA regulations
40 CFR 2	261.21-261.24, or listed hazardous waste as	defined by 40 CFR, part 261, subpar	D, as amended. The following documentation	n demonstrating the
	s non-hazardous is attached. (Check the appropriate of the company	ropriate items as provided) CRA Hazardous Waste Analysis	Other (Provide Descri	ption Below)
A CONTRACTOR OF THE PARTY OF TH			of Public Safety (the order, documentation of	
EMERGENCY NON-OILFIELD Emerger determine	nation and a description of the waste must a	accompany this form)	or ruging delect the state of an armine state of	
			SIGNATURE	
(PRINT) AUTHORIZED AGENTS SIGN	WHITE SAME AND ADDRESS OF THE PARTY OF THE P	MCDOPTED	JIG WATER	
Transporter's	IBAI	NSPORTER	D-+	
Name Sem Texa	Mes Isus King	Driver's Name	18/8/	
Address		Print Name Phone No	1100	
Phone No.		Truck No.		
Transporter Ticket # I hereby certify that the above named material(s) v	was/were picked up at the Generator's site li		cident to the disposal facility listed below.	
Thereby certify that the above harried materials of	rusy were present up at the decision of the	3 19 33) KIBIELK INCOSON	4
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE	
TRUCK TIME STAMP	DISPOS	SAL FACILITY	RECEIVING AREA	
IN: OUT:			Name/No.	
Site Name/		The second second	200 6269	
remit No. Hanway Facility /	NIVI 1-006 180 Mile Marker 66 Carlsbad, NM 88220	Phone No. 57	5-392-6368	
		The state of the s	VEO.	NO
NORM READINGS TAKEN		If YES, was reading > 50) micro roentgents? (Circle One) YES	NO
PASS THE PAINT FILTER TEST	NAME AND ADDRESS OF THE OWNER, WHEN PERSON NAMED IN			
202	TANK	BOTTOMS		
Feet Feet	Inches	BS&W/BB	LS Received BS&W	(%)
St Guage 2nd Guage		200.1700	Free Water	
2nd Guage Boceived		To	tal Received	
	een (circle one): ACCEPTED	DENIED If de	nied, why?	
Rereby certify that the above load material has b	Ben (chicle one). Accerted	Delitics		
NAME (PRINT)	DATE	TITLE	SIGNATURE	
2 138	te - R360 ORIGINAL Yellow- TRANSPOR	RTER COPY Pink- GENERATOR :	SITE COPY Gold- RETURN TO GENERATO	R

Yellow- TRANSPORTER COPY

White - R360 ORIGINAL

(PLEASE PRINT) *REQUIRED INFORMATION*

Company	Man Contact	Information
Name /	mala	ndar

			٠.			
n	aπ	е	N	0		

Gold- RETURN TO GENERATOR

SOLUTIONS			Anna day	And San School Succession	Phone No	
		GENI	ERATOR		NO. HW- 739	9018
Generator Manifest # Generator Name Address City, State, Zip Phone No	Waxe En	221919	Location of Origin Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.	FNR Fee	138H 95300	
THE RESERVE OF THE PERSON NAMED IN	EXEMPT E&P Waste/Sen	vice Identification and Amour	t (place volume next to w	aste type in barrels or	cubic yards)	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	Was Con Proc Gat	N-INJECTABLE WATERS shout Water (Non-Injectable) upletion Fluid/Flow Back (Non-Inj Juced Water (Non-Injectable) hering Line Water/Waste (Non-In ERNAL USE ONLY k Washout (exempt waste)		TOP SOIL & CALIC	P CM P SOIL TOP SOIL	CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	☐ PRODUCT	ION 🔲 (SATHERING LINES	
Al	non-exempt E&P waste mo	NON-EXEMPLE&P Waste/ ist be analysed and be below thre	Service Identification and Amashold limits for toxicity (TCL)	nount P), Ignitability, Corrosivity	adn Reactivity	
Non-Exempt Other				ect from Non-Exempt V		
DISPOSAL QUANTITY	В	- BARRELS	L - LIQUID	DO Y-YARDS	E-	EACH
EMERGENCY NON-OILFIELD	waste as non-hazardou MSDS Information Emergency non-hazardou	or listed hazardous waste as def is is attached. (Check the appropriate RCRA ous, non-oilfield waste that has be scription of the waste must acco	riate items as provided) Hazardous Waste Analysis neen ordered by the Departmi		Other (Provide Description	on Below)
(PRINT) AUTHORIZ	ED AGENTS SIGNATURE		DATE	\$	IGNATURE	
Transporter's Name Address Phone No. Transporter Ticket #	material(s) was/were picke	Terr Ming	Driver's Name Print Name Phone No. Truck No.	t incident to the disposal	facility listed below.	
SHIPMENT DATE			3 35	25 4026	X Trience	-
TRUCK TIME S	TAMP	DISPOSA	L FACILITY	Name/No	DRIVER'S SIGNATURE ECEIVING AREA	28
ddress 6601 Hobbs H	Facility / NM1-006 lwy US 62 / 180 Mile Marke		-	575-392-6368		
THE PROPERTY OF THE PARTY OF TH	GS TAKEN? (Circle One) LTER TEST? (Circle One)	YES NO	ir YES, was reading >	50 micro roentgents?	(Circle One) YES	NO
t Guage Feet		TANK B	OTTOMS BS&W/E	BBLS Received Free Water	BS&W (%)
ceived				Total Received		
reby certify that the above load ma	iterial has been (circle one):	ACCEPTED	DENIED III II	denied, why?	SIGNATURE	

White - R360 ORIGINAL

Yellow- TRANSPORTER COPY

Pink- GENERATOR SITE COPY

(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man	Contact	Inforr	nation	٠
Name	100	ar.	tot me		

Phone No.

Page 1	GENE	RATOR		NO. HW- 739(156
Generator Manifest # AAU & CAN	99	Location of Origin Lease/Well	NR Fed	# 28 #	
Generator Name		Name & No.			
Address		County API No.	handet to	ACRON	
City, State, Zip		Rig Name & No.			
Phone No.	Control Ideal Control	AFE/PO No. NAPP -	1502160	252	
Oil Based Muds	Service Identification and Amount NON-INJECTABLE WATERS	(place volume next to waste	OTHER EXEMPT E	cubic yards) &P WASTE STREAMS	
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Inje	octable)			-
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inj	100000			
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY	ectable)	TOP SOIL & CALICH	HE SALES	-
Gas Plant Waste	Truck Washout (exempt waste)	YES NO	QUANTITY	Zo TOP SOIL	CALICHE
WASTE GENERATION PROCESS: DRILLING		PRODUCTION	GA	ATHERING LINES	
All non-exempt E&P waste	NON-EXEMPT E&P Waste/S must be analysed and be below three	ervice Identification and Amount shold limits for toxicity (TCLP), Igr	nitability, Corrosivity a	adn Reactivity.	mer all
Non-Exempt Other		*please select fr	om Non-Exempt Wa	aste List on back	
DISPOSAL QUANTITY	B - BARRELS	L-LIQUID ZO	Y - YARDS	E - EA	
I hereby certify that the above listed material(s), is (are) not I packaged, and is in proper condition for transportation according to the packaged of the pa	azardous waste as defined by 40 CFR	Part 261 or any applicable state I	aw. That each waste	has been properly described,	classified and
RCRA EXEMPT: Oil field wastes ge	nerated from oil and gas exploration a	nd production operation and are	not mixed with non-e.	xempt waste (R360 Accepts of	certifications on a
per load basis only RCRA NON-EXEMPT: Oil field waste whi	ch is non-hazardous that does not exc	eed the minimum standards for w	aste hazardous by ch	paracteristics established in R	CRA regulations
40 CFR 261.21-261	.24, or listed hazardous waste as defin rdous is attached. (Check the appropris	ed by 40 CFR, part 261, subpart [), as amended. The fo	ollowing documentation demo	onstrating the
MSDS Information	RCRA F	lazardous Waste Analysis		Other (Provide Description E	
Emergency non-ha.	ardous, non-oilfield waste that has be a description of the waste must accom	en ordered by the Department of	Public Safety (the ord	der, documentation of non-ha	zardous waste
(PRINT) AUTHORIZED AGENTS SIGNATURE	NAME OF TAXABLE PARTY.	ATE .	SIG	NATURE	
Transporter's Name Seat Tex may v		PORTER			
Address		Driver's Name Print Name	n e e e e e e	12.5	
Phone No.		Phone No.	1=910-11	849	
Transporter Ticket # I hereby certify that the above named material(s) was/were p	cked up at the Generator's site listert a	Truck No	lent to the disposal fa	acility listed below	
TOTAL SAME	Bar Ca	27.25	ion to the disposar to	3 do Be-	
TRUCK TIME STAMP	DISPOSAL	FACILITY	DC	DRIVER'S SIGNATURE	
IN:OUT:	DISPUSAL		Name/No	CEIVING AREA	2
Cita Nama (= 1		vaine/1vo		
Halfway Facility / NM1-006 Address 6601 Hobbs Hwy US 62 / 180 Mile Ma		Phone No. 575- 3	392-6368		
NORM READINGS TAKEN? (Circle Or		If VEC was readless TO	tion and the least	State Data Land	
PASS THE PAINT FILTER TEST? (Circle Or		If YES, was reading > 50 m	icro roentgents? (C	ircle One) YES	NO
025	TANK BO	TTOMS			
Halfway Facility / NM1-006 6601 Hobbs Hwy US 62 / 180 Mile Mile Mile Mile Mile Mile Mile Mile	Inches	BS&W/BBLS	Received I	DEGW(0/)	
			ee Water	BS&W (%)	-
		Total	Received		
Hereby certify that the above load material has been (circle or	ne); ACCEPTED (DENIED If denied	, why?	W. 51	
NAME (PRINT) White - R360 ORI	DATE	TITLE	- 9	SIGNATURE	
2-138	GINAL Yellow-TRANSPORTER CO		2200 000 000	URN TO GENERATOR	

Gold-RETURN TO GENERATOR

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company	Man	Contact	Information
Name	100	1 17	Ju de

Operator No.			
	GENERAT	AND AND ADDRESS OF THE PARTY OF	NO. 359408
Operators Name	Le	rmit/RRC Noase/Well	307160252
Address		unty	A FELLINE
City State 7in	AF	l No.	1014-505-200
City, State, Zip Phone No.		g Name & No E/PO No	
	Service Identification and Amount (place		me in barrels or cubic varde)
Oil Desert Continue	NON-INJECTABLE WATERS		OTHER EXEMPT WASTES (type and generation process of the waste)
Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable)		
Produced Exemption Calida	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)		
E&P Contaminated Soil	INTERNAL USE ONLY	-	-
Gas Plant Waste WASTE GENERATION PROCESS: DRILLING	Truck Washout (exempt waste)		
WASTE GENERATION PROGESS. DRILLING		PRODUCTION	GATHERING LINES
All non-exempt E&P waste Non-Exempt Other	NON-EXEMPT E&P Waste/Service Io must be analysed and be below threshold lin	nits for toxicity (TCLP), Ignita	
QUANTITY	The state of the s	*please select from	Non-Exempt Waste List on back
	B-BARRELS		Y-YARDS E-EACH
I hereby certify that the above listed material(s), is (are) not he packaged, and is in proper condition for transportation accord	azardous waste as defined by 40 CFR Part 261 ing to applicable regulation.	or any applicable state law	. That each waste has been properly described, classified and
RCRA EXEMPT: Oil field wastes ger	erated from oil and gas exploration and produ	uction operation and are not	mixed with non-exempt waste (R360 Accepts certifications on a
			te hazardous by characteristics established in RCRA regulations,
			te nazardous by characteristics established in RCRA regulations, amended. The following documentation demonstrating the
MSDS Information	dous is attached. (Check the appropriate item RCRA Hazardou	s as provided)	Other (Provide Description Below)
			Galler it rovide description below)
(PRINT) AUTHORIZED AGENTS SIGNATURE			
	DATE		SIGNATURE
Transporter's	TRANSPOR	TER	SIGNATURE
	TRANSPOR		SIGNATURE SIGNATURE
Name	TRANSPOR Drive	er's Name	
	TRANSPOR Drive Phor	er's Nameene No	
Address Phone No.	TRANSPOR Drive Phor Truct	er's Name LAL	verso Maurilez
Name Address Phone No. hereby certify that the above named material(s) was/were pic	TRANSPOR Drive Phor Truct	er's Name ne No. k No. P No. d delivered without inciden	t to the disposal facility listed below.
Name Address Phone No. hereby certify that the above named material(s) was/were pic	TRANSPOR Drive Phore Truct WHF ked up at the Generator's site listed above an	er's Name ne No. k No. P No. d delivered without inciden	t to the disposal facility listed below. DRIVER'S SIGNATURE
Name Address Phone No. hereby certify that the above named material(s) was/were picture. SHIPMENT DATE DRIVE	TRANSPOR Drive Phor Truck WHF ked up at the Generator's site listed above an	er's Name ne No. k No. P No. d delivered without inciden DELIVERY DATE	t to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA
Name Address Phone No. Thereby certify that the above named material(s) was/were pictures the properties of the proper	TRANSPOR Drive Phore Truct WHF ked up at the Generator's site listed above an	er's Name ne No. k No. P No. d delivered without inciden DELIVERY DATE CILITY Na	t to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA me/No.
Name Address Phone No. I hereby certify that the above named material(s) was/were pic SHIPMENT DATE TRUCK TIME STAMP IN: OUT: Site Name/ Permit No. Red Bluff Facility / STF-065	TRANSPOR Drive Phor Truck WHI ked up at the Generator's site listed above an TS SIGNATURE DISPOSAL FAC	er's Name ne No. k No. P No. d delivered without inciden DELIVERY DATE CILITY Na	t to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA me/No.
Name Address Phone No. I hereby certify that the above named material(s) was/were picture. TRUCK TIME STAMP IN: OUT: Site Name/ Fermit No. Red Bluff Facility / STF-065 5053 US Hwy 285, Orla, TX 79	TRANSPOR Drive Phore Truck WHF kedrup at the Generator's site listed above an PS SIGNATURE DISPOSAL FACT Phone	er's Name ne No. k No. DELIVERY DATE CILITY Na e No. 432-448	t to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA me/No. 3-4239
Name Address Phone No. hereby certify that the above named material(s) was/were pictures the state of the st	TRANSPOR Drive Phor Truck WHF ked up at the Generator's site listed above an TS SIGNATURE DISPOSAL FACT Phon Phon TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYP	er's Name ne No. k No. DELIVERY DATE CILITY Na e No. 432-448	t to the disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA me/No.
Name Address Phone No. hereby certify that the above named material(s) was/were pictory control of the provided in the provid	TRANSPOR Drive Phore Truck WHF ked up at the Generator's site listed above and TRANSPOR DISPOSAL FACTOR Phone Phone TANK BOTTO	er's Name ne No. k No. DELIVERY DATE CILITY Na e No. 432-448 S, was reading > 50 micro M (mR/hr)	t to the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA me/No. 3-4239
Name Address Phone No. hereby certify that the above named material(s) was/were pictory certification certifica	TRANSPOR Drive Phor Truck WHI ked up at the Generator's site listed above an PS SIGNATURE DISPOSAL FAC Phon Phon Phon Phon OFFI NORI	er's Name ne No. k No. DELIVERY DATE CILITY Na e No. 432-448 S, was reading > 50 micro M (mR/hr)	To the disposal facility listed below. ORIVER'S SIGNATURE RECEIVING AREA me/No. 3-4239 Proentgents? (Circle One) YES NO
Name Address Phone No. hereby certify that the above named material(s) was/were pictory control of the provided in the provid	TRANSPOR Drive Phore Truck WHF ked up at the Generator's site listed above and TRANSPOR DISPOSAL FACT Phone Phone TANK BOTTO	er's Name ne No. k No. P No. d delivered without inciden DELIVERY DATE CILITY Na e No. 432-448 S, was reading > 50 micro M (mR/hr) BS&W Rec Free No.	DRIVER'S SIGNATURE RECEIVING AREA me/No. 3-4239 o roentgents? (Circle One) YES NO seived BS&W (%)
Name Address Phone No. hereby certify that the above named material(s) was/were pictory control of the property of the proper	TRANSPOR Drive Phor Truck WHF ked up at the Generator's site listed above and TS SIGNATURE DISPOSAL FACT Phon Phon TANK BOTTO Inches	er's Name ne No. k No. DELIVERY DATE CILITY Na e No. 432-448 S, was reading > 50 micro M (mR/hr) BS&W Rec Free No. Total Rec	DRIVER'S SIGNATURE RECEIVING AREA me/No. 3-4239 Deproentments? (Circle One) YES NO serived BS&W (%) Water Received
Name Address Phone No. hereby certify that the above named material(s) was/were pictory certification	TRANSPOR Drive Phor Truck WHI ked up at the Generator's site listed above and PS SIGNATURE DISPOSAL FACTOR Phon Phon Phon TANK BOTTO Inches	er's Name ne No. k No. P No. d delivered without inciden DELIVERY DATE CILITY Na e No. 432-448 S, was reading > 50 micro M (mR/hr) BS&W Rec Free No.	DRIVER'S SIGNATURE RECEIVING AREA me/No. 3-4239 Deproentments? (Circle One) YES NO serived BS&W (%) Water Received

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

QUESTIONS

Action 478946

QUESTIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	478946
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2502160252	
Incident Name	NAPP2502160252 NEW WAVE FNR FRAC POND @ 0	
Incident Type	Produced Water Release	
Incident Status	Remediation Plan Received	

Location of Release Source			
Please answer all the questions in this group.			
Site Name	New Wave FNR Frac Pond		
Date Release Discovered	01/07/2025		
Surface Owner	Private		

ncident Details				
Please answer all the questions in this group.				
Incident Type	Produced Water Release			
Did this release result in a fire or is the result of a fire	No			
Did this release result in any injuries	No			
Has this release reached or does it have a reasonable probability of reaching a watercourse	No			
Has this release endangered or does it have a reasonable probability of endangering public health	No			
Has this release substantially damaged or will it substantially damage property or the environment	No			
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No			

lature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 23 BBL Recovered: 0 BBL Lost: 23 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 478946

QUESTI	ONS (continued)
Operator: MEWBOURNE OIL CO	OGRID: 14744
P.O. Box 5270 Hobbs, NM 88241	Action Number: 478946
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	of atu hazard that would routh in injury
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 01/21/2025

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

QUESTIONS, Page 3

Action 478946

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	478946
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

al and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
Between 100 and 500 (ft.)	
NM OSE iWaters Database Search	
No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
Between 200 and 300 (ft.)	
Between 200 and 300 (ft.)	
Greater than 5 (mi.)	
Between 1 and 5 (mi.)	
Between 1 and 5 (mi.)	
Greater than 5 (mi.)	
Between 500 and 1000 (ft.)	
Between 1 and 5 (mi.)	
Zero feet, overlying, or within area	
High	
Between 1 and 5 (mi.)	
Yes	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	1520	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0	
GRO+DRO (EPA SW-846 Method 8015M)	0	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	02/03/2025	
On what date will (or did) the final sampling or liner inspection occur	03/27/2025	
On what date will (or was) the remediation complete(d)	03/27/2025	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	8883	
What is the estimated volume (in cubic yards) that will be remediated	1100	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 478946

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	478946
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
e appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
Yes	
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
Not answered.	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Name: Connor Walker
Title: Senior Engineer
Email: cwalker@mewbourne.com

Date: 06/25/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 478946

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	478946
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 478946

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	478946
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	446346
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/31/2025
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	4000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 478946

CONDITIONS

Operator:	OGRID:
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P.O. Box 5270	Action Number:
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	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The remediation plan is conditionally approved. The release area will need confirmation floor/sidewall samples representing no more than 200 ft2. Due to the sensitive nature of the release location, the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. If fluid reached tanks/equipment, sample up against tanks/equipment to ensure contaminants didn't go underneath. If the removal of contaminants under tanks/equipment could cause a major facility deconstruction, a formal deferral request will need to be submitted to the OCD Permitting Portal.	8/6/2025
rhamlet	All off-pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	8/6/2025